GURU NANAK PUBLIC SCHOOL, PITAMPURA
PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI SUBJECT: English Core (code-301)
TEXT BOOK : NCERT (Hornbill & Snapshots)

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	15th April- 17 th April	3	1	Hornbill Ch- The Portrait of Lady Integrated Grammar	-About the author/ Poet - Theme - Central Idea - Message - Synopsis - Question Answer (Short and Long)	1. Talk with your family members about elderly people who you have been intimately connected with and who are not there with you now. Write a description of someone you liked a lot.	Learners will be able to understand: - The theme of innocence , friendship, love, connection, kindness , selflessness, respect and acceptance. -A beautiful relationship developed between a grandma and grandchild. - The Portrait of a Lady by Khushwant Singh is remembrance of his grandmother.
April	18th April- 3rd May	13	2	Snapshots Ch- The Summer of the beautiful white horse Writing Skills- Classified Advertisements	Literature: -About the author - Theme - Central idea - Synopsis -Message	1. The horse stood on it's hind legs, snorted and burst into a fury of speed that was the loveliest thing I had ever seen. These lines could be an artist's delight. Try to draw a picture as depicted in the above lines and	Learners will be able to understand : -The story , The Summer of the beautiful white horse has a deep moral lesson in it. One should never steal. -The story teaches us something special about honesty and integrity which we can use in our daily life also.

				Poem – A Photograph	- Reference to context - Question Answer (Short & Long) Writing skills: -Format - Sample Question Literature: -About the Poet - Theme - Central idea - Synopsis - Reference to context - Poetic Devices -Message - Question Answer	narrate a story in 120 - 150 words. 1.What is a Snapshot? What impression do you form of the poetess and Poetess's mother after reading the poem "A Photograph". Narrate your expression of ideas in 120-150 words.	-The boys were not very old but they still stood in front of greed and desire. -In general, classified advertisements are small ads that can be used by businesses and individuals to sell products and services. Learners will be able to understand: -Shirley Toulson's poem "A Photograph " is a loving tribute to her mother. -The poem reflects the passage of time and it's three stages. -The theme of the poem "A Photograph" is loss, memory and transience of life. -The memories are not just restricted to one's head but can also attain a tangible form such as photographs. -Classified ads are brief and to the point.
May	13th May -17th May	5	4	Hornbill Ch-We're not afraid to die… if we can all be together Writing- Sprech	Literature -About the author - Theme - Central idea	1.Have you heard any boat men's songs? What kind of emotions do these songs usually express ? Give a pen to your expression of ideas in 120 -150 words.	Learners will be able to understand: -The collective power of unity and never failing confidence of sailors made it possible for them to survive and come out from the jaws of death.

				Integrated Grammar	- Synopsis - Reference to context -Message - Question and Answer (Short and long) Writing skill: -Format -Sample Question	2.Take a world map and locate the Ile Amsterdam and mention it's details : Location, Latitude, Longitude and Sovereignty, Political status notes , Population, census notes and land area in square kilometres in your class notebook.	-The various lessons that can be learnt from the story are the spirit of never giving up, courage, ambition and unity. -The children were extremely brave and thoughtful of their father's condition. -There are three general purposes that all speeches fall into: to inform, to persuade and to entertain. -The best speaking style for different types of speeching occasions.
July	1st July-15th July	12	5	Hornbill Poem – The Laburnum Top Writing – Poster Reading – Note Making Integrated Grammar	Literature: -About the Poet -Theme -Central idea -Synopsis -Poetic devices -Reference to Context -Question Answer (Short & Long) Writing Skills: -Format -Sample Question	1. Write four lines in verse form on any tree that you see around you. Also write down the sound words, movement words and dominant colour in the poem. 2. Look for some other poem on a bird or a tree in English and write in your notebook. 3. Paste the newspaper cutting in your notebook of an informative poster by Government of India.	Learners will be able to understand : -The Laburnum tree and the goldfinch depicts the symbol of life and fluctuations. -The poet wants to convey the importance of living with each other. - -The tree was seemingly dull and inanimate but the goldfinch's arrival makes it meaningful and worth living. -It is a kind of mutualism that exist between the two.

					Reading Skills Format Sample Question		
July	16th July-31st July	12	6	Hornbill Ch – The Address Integrated Grammar	Literature: About the author Theme Central idea Synopsis Message Reference to Context Question Answer (Short & Long)	1. When did World War-II happen? 2. What did Nazis do With Jews? Do the research for the mentioned questions and write the answer in 120 - 150 words in your notebook. 3. The Address is a story of human predicament that follows war. Write about the pre - war and post – war time of world war in your notebook in 120 -150 words.	Learners will be able to understand that : -The Address by Marga Minco revolves around the theme of crisis that we as an individual encounter in our daily life. -War brought destruction, pain and loss of lives which impacts humans in various ways -The story speaks about the narrator and mother's life how they are disrupted due to war.
August	1st Aug-14th Aug	11	7	Snapshots	About the author/ Poet	1. The constellation Orion is associated with the legend of	Learners will be able to understand that :

				Ch- Discovering Tut- The Saga Continues Poem – The Voice of the Rain Integrated Grammar	Theme Central Idea Message Synopsis Reference to Context Question Answer (Short & Long) Poetic devices	Osiris, the God of the afterlife. Find out the astronomic descriptions and legends associated with the following: Ursa Major (Saptarishi Mandala) Polaris (Dhruva Tara) Pegasus (Winged horse) Sirius (Dog star) Gemini (Mithuna) Do the given activity in your class notebook. 2.How is cyclic movement of rain brought out in the poem " The Voice of the Rain" ? What points of similarity do you notice between the rain and music. Give your views in 120 -150 words in your notebook.	-The lesson deals with the last ruler of the powerful Pharoah dynasty, Tutankhamun who died at a young age in a very mysterious way and it deals with finding out the possible causes of his death and curse. -About the Egyptian beliefs and traditions about the afterlife.
August	16th Aug-30th Aug	10	8	Hornbill Ch- Mother's Day Integrated Grammar	About the author Theme Central idea Reference to context Message	1.The shock treatment makes the thoughtless and selfish person realise the real position of lady of the house. How far do you agree with the statement. Give reason for your	Learners will be able to understand that: -The rest of the family ignoring the hardships faced by a mother in taking care of her family is the main issue raised in the play.

					Synopsis Question Answer (Short & Long)	answer in 120 -150 words. 2. Express your views about the latest film with a strong message of social reform that you have watched in 120 -150 words.	-We need to acknowledge the role played by each family member- especially when it comes to a mother. -We should not take her love and care for us for granted. -
September	2nd Sept-10th Sept	7	9	Hornbill Ch- The Adventure Poem – Father to Son Writing – Debate	About the author Theme Central idea Reference to context Question Answer (Short & Long) Poetic Devices Synopsis	1.Look up the internet or an encyclopedia for information on the following theories: 1.Quantum theory 2.Theory of relativity 3. Big Bang Theory 4. Theory of evolution Write about the mentioned theories in 40 -50 words in your class notebook. 2.How far has the poet succeeded in transforming a purely personal matter to a universal experience prevalent in modern times? Give a brief description in 120-150 words taking the reference from the poem “Father to Son.”	Learners will be able to understand that : -The Adventure is a story that looks at the idea of parallel worlds. -The story looks at the idea of free will and fate. -It is a catastrophe theory. -It is a captivating story that takes readers on a journey of self discovery and exploration. -It highlights the significance of embracing adventure and appreciating the beauty of nature. -The poem portrays a universal problem , the generation gap and the inability to communicate between a father and a son.

							-The father did try to understand his son, to build a relationship with him but failed terribly. -He then goes on to speak about the thread of connection missing between them. -Through debate, students can develop critical thinking skills by analyzing and synthesizing information from multiple sources and perspectives.
September	24th Sept-30th Sept	5	10	Snapshots Ch – Birth Integrated Grammar	About the author Theme Central idea Reference to context Synopsis Message Question Answer (Short & Long)	1. Give a brief account of the efforts need to be done by the doctor to revive the stillborn baby. Express your views in 150 -200 words. 2. What is asphyxia pallida? Do the research on the mentioned topic from the internet and paste the pictures and give a brief description in your notebook.	Learners will be able to understand that: -The theme of the story revolves around the efforts being put in by medical practitioners in treating their patients. -Andrew, the protagonist is dealing with a critical medical birth case. -Unfortunately, the baby born is lifeless. -However, Andrew does not let go and make his best of efforts in saving the patient. -The moral of the story is “ no matter how impossible a situation may seem , there is always hope to emerge

							victorious and prove yourself as in the case of Andrew.”
October	1st Oct-16th Oct	11	11	Hornbill Ch – Silk Road Integrated Grammar	About the author Theme Central idea Reference to context Message Synopsis Question Answer (Short & Long)	1. The narrative “Silk Road” has many phrases to describe the scenic beauty of the mountainside like: “A flawless half moon floated in a perfect blue sky.” Scan the text to locate other such picturesque phrases and write it in your notebook. 2.Notice these expressions in the text. Infer their meaning from the context and write it in your notebook. - ducking back - manoeuvre - billowed - swathe - Cairn of rocks - careered down - salt flats	Learners will be able to understand that: -Chapter “Silk Road is also called the silk route which is the ancient route that links China to the west and rest of the world.” -People used to carry goods and ideas of the West to China from this route. - The Silk Road is one of the only ways to enter China from the West. - Silk Road talks about the author's journey from the slopes of Ravu to Mt.Kailash. - The author went on this journey to complete the Kora. As a result, you get to experience the trip that the author experienced through his own eyes.
October	17th Oct-30th Oct	10	12	Hornbill Poem – The Tale of Melon City	About the Poet Theme	1. Write the qualities of the king and tell about his duties towards the people	Learners will be able to understand that:

				Integrated Grammar	Central idea Message Reference to Context Poetic Devices Question Answer (Short & Long)	of his state in 120 - 150 words. 2.The Tale of Melon City has been narrated in a verse form. This is a unique style which lends extra charm to an ancient tale. Write a humorous poem of 5-6 stanzas by taking reference of the read text.	-This ironic poem is a representation of the symbolic folly of ignorance and corrupted power. -The king dies in his own attempt at giving punishment to the ignorant person who made the low arch of the city. -The melon is chosen as the new king of the city after the previous king is hanged by his own order.
November	4th Nov-16th Nov	10	13	Hornbill Poem – Childhood Integrated Grammar Writing skills – Debate , Speech, Classified Advertisements and Poster Reading – Note Making	Literature: -About the Poet Theme Central Idea Reference to Context Poetic Devices Question Answer (Short & Long) Writing Skills: Format Sample Question	1. Is independent thinking a step towards adulthood. If yes, then how, explain with reference to the poem "Childhood." in about 120 -150 words. 2. The poem "Childhood" exposes man and present him in his true colours. All adjectives displaying negative qualities are not enough for such a man. This poem very innocently goads him to his	Learners will be able to understand that: -The poet "Markus Natten thinks over his lost childhood." -The poet has tried go find some stages of his life when his thoughts and perceptions of the world changed. -It is a subjective poem. The tone of the poem is melancholic and sad. -Effective Note Making helps students retain what they learned in class so that they can use the material to study and build their knowledge and tackle more complex concepts later on.

					Reading Skills: Format Sample Question	real self. Give your views in 120 -150 words in your notebook.	
November	18th Nov-29th Nov	10	14	Recapitulation of complete syllabus Integrated Grammar+ Writing Skills+ Literature	Writing Skills (Classified Advertisements) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	……..	Learners will be able to remember the important facts, figures, topics and methodology that they have studied in the past.
December	10th Dec-19th Dec	8	15	Recapitulation of complete syllabus Integrated Grammar+ Writing Skills+ Literature	Writing Skills (Classified Advertisements, Poster) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	…….	Learners will be able to remember the important facts, figures, topics and methodology that they have studied in the past.
December	20th Dec-31st Dec	7	16	Recapitulation of complete syllabus Integrated Grammar+ Writing Skills+ Literature	Writing Skills (Classified Advertisements,Speech) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	…….	Learners will be able to remember the important facts, figures, topics and methodology that they have studied in the past.
January	8th Jan-20th Jan	9	17	Recapitulation of complete syllabus Integrated Grammar+ Writing Skills+ Literature	Writing Skills (Debate & Speech) Integrated Grammar (Exercises)	……	Learners will be able to answer the questions in examination. They will feel prepared.

					Literature (Practice of Board Questions)		
January	21st Jan-31st Jan	9	18	Recapitulation of complete syllabus Integrated Grammar+ Writing Skills+ Literature	Writing Skills (Classified Advertisements, Poster, Speech, Debate) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	……..	Learners will be able to answer the questions in examination. They will feel prepared.
February	3rd Feb-12th Feb	8	19	Recapitulation of complete syllabus Integrated Grammar + Writing Skills +Literature	Writing Skills (Classified advertisements, Poster, Speech, Debate) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	……..	Learners will feel confident and relaxed, less anxiety and prepared to face exams
February	13th Feb-21st Feb	8	20	Recapitulation of complete syllabus Integrated Grammar + Writing Skills +Literature	Writing Skills (Classified advertisements, Poster, Speech, Debate) Integrated Grammar (Exercises) Literature (Practice of Board Questions)	……	Learners will be able to manage time more effectively when revising and in the exam itself.

*UNIT TEST 1:
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May
Class-XI- 22nd July 2024- 26th July 2024

*MID TERM:
All classes-11th Sept to 23rd Sept.

*UNIT TEST 2:

Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

*SECOND TERM:
Class X and XII- 29th Nov to 16th Dec

*PRE BOARD EXAMS:
Class X and XII- 8th Jan to 22nd Jan

*FINAL EXAMS:
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: 11 **SUBJECT: PSYCHOLOGY** **TEXT BOOK: NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**15th April- 17th April**	**3**	**1**	Chapter-1 What is Psychology?	1. Introduction 2. What is Psychology? a. Psychology as a Discipline b. Psychology as a Natural Science c. Psychology as a Social Science 3. Understanding Mind and behaviour 4. Popular Notions about the discipline of Psychology	Guided Discussion Role Play Peer teaching Self-assessment	The students will be able to develop appreciation about human mind and behaviour in the context of the immediate society and environment. The students will be able to develop an appreciation of the nature of psychological knowledge and its application to various aspects of life. The students will be able to understand the nature and role of psychology in understanding mind and behavior The students will be able to enhance their critical thinking

April and May	**18th April- 3rd May**	**13**	**2**	Chapter-1 What is Psychology?	5. Evolution of Psychology 6. Development of Psychology in India 7. Branches of Psychology 8. Psychology and Other Disciplines 9. Psychologists at Work 10.Psychology in Everyday Life	Guided Discussion Role Play Peer teaching Self-assessment	The students will be able to know about the different fields of Psychology, its relationship with other disciplines, and professions The students will be able to appreciate the value of Psychology in daily life and understand how it help us to understand ourselves and others better. The students will be able to become perceptive, socially aware and self-reflective. The students will be able to facilitate their quest for personal growth and effectiveness, and to enable them to become responsive and responsible citizen
May	**13th May- 17th May**	**5**	**3**	Chapter-2 Methods of Enquiry in Psychology	1. Introduction 2. Goals of Psychological Enquiry a. Steps in Conducting Scientific Research b. Alternative Paradigms of Research 3. Nature of Psychological Data	Lecture method Problem solving based learning Peer Teaching	Explain the goals and nature of psychological enquiry The students will be able to understand the goals of psychological enquiry. The students will be able to learn about the nature of information or data collected in psychological studies,

May **(X &XII)**	**22nd May-31st May**	**7**	**4**	Chapter-2 Methods of Enquiry in Psychology	4. Some Important Methods in Psychology a. Observational Method b. Experimental Method c. Correlational Research d. Survey Research e. Psychological Testing f. Case Study	Lecture method Problem solving based learning Peer Teaching	The students will be able to learn about the diverse range of methodological devices available for the study of psychology. The students will be able to understand the merits and demerits of each method. The students will be able to understand different types of data used by psychologists.
July	**1st July-15th July**	**12**	**5**	Chapter-2 Methods of Enquiry in Psychology	5. Analysis of Data a. Quantitative Methods b. Qualitative Method 6. Limitations of Psychological Enquiry 7. Ethical Issues	Guided Discussion Role Play Peer teaching Self-assessment	The students will be able to describe some important methods of psychological enquiry. The students will be able to understand the methods of analyzing data The students will be able to learn about the limitations of psychological enquiry and ethical considerations.
July	**16th July-31st July**	**12**	**6**	Chapter 3 Human Development	1. Introduction 2. Meaning of Development -Life-Span Perspective on Development 3. Factors Influencing Development 4. Context of Development	Guided Discussion Problem solving based learning Peer Teaching Discussion based learning	The students will be able to describe the meaning and process of development. The students will be able to explain the influence of heredity, environment and context on human development.

August	**1st Aug-14th Aug**	**11**	**7**	Chapter 3 Human Development	5. Overview of Developmental Stages a. Prenatal Stage b. Infancy c. Childhood d. Challenges of Adolescence Adulthood and Old Age	Brainstorming on various developmental stages	The students will be able to identify the stages of development and describe the major characteristics of infancy, childhood, adolescence, adulthood and old age. The students will be able to reflect on course of development and related experiences. The students will be able to differentiate between development, evolution and maturity.
August	**16th Aug-30th Aug**	**10**	**8**	Chapter 4 Sensory, Attentional and Perceptual Processes	1. Introduction 2. Knowing the world 3. Nature and varieties of Stimulus 4. Sense Modalities 5. Attentional Processes a. Selective Attention b. Divided Attention c. Sustained Attention d. Span of Attention e. Attention Deficit Hyperactivity Disorder 6. Perceptual Processes	Guided Discussion Problem solving based learning Peer Teaching Schematic view of sense organs with functions	The students will be able to understand the nature of sensory processes. The students will be able to explain the processes and types of attention. The students will be able to analyze the problems of form and space perception.

					Processing Approaches in Perception 7. The Perceiver		
September	**2nd Sept-10th Sept**	**7**	**9**	Chapter 4 Sensory, Attentional and Perceptual Processes	8. Principles of Perceptual Organization 9. Perception of Space, Depth and Distance Monocular Cues and Binocular Cues 10.Perceptual Constancies 11.Illusions 12.Socio-Cultural Influences on Perception	Peer Teaching Learning by doing (attention and perception)	The students will be able to examine the role of socio-cultural factors in perception The students will be able to reflect on sensory, attentional and perceptual processes in everyday life. The students will be able to differentiate between monocular cues and binocular cues
September	**24th Sept-30th Sept**	**5**	**10**	Chapter 5 Learning	1. Introduction 2. Nature of Learning 3. Paradigms of Learning 4. Classical Conditioning	Guided Discussion Problem solving based learning Peer Teaching Self- assessment	The students will be able to describe the nature of learning. The students will be able to explain different forms or types of learning and the procedures used in such types of learning.
October	**1st Oct-16th Oct**	**11**	**11**	Chapter 5 Learning	Determinants of Classical Conditioning 5. Operant/Instrumental Conditioning a). Determinants of Operant Conditioning	Guided Discussion Problem solving based learning Peer Teaching Self- assessment	The students will be able to describe the nature of learning. The students will be able to explain different forms or types of learning and the procedures used in such types of learning.

					b). Classical and Operant Conditioning c). Key Learning Processes d). Learned Helplessness		
October	**17th Oct-30th Oct**	**10**	**12**	Chapter 5 Learning	6. Observational Learning 7. Cognitive Learning 8. Verbal Learning 9.Skill Learning 10.Factors Facilitating Learning 11.Learning Disabilities	Guided Discussion Problem solving based learning Peer Teaching Self- assessment	The students will be able to understand various psychological processes that occur during learning. The students will be able to explain the determinants of learning The students will be able to understand applications of learning principles in everyday life The students will be able to learn about classical conditioning, operant conditioning and observational learning.
November	**4th Nov-16th Nov**	**10**	**13**	Chapter 6 Human Memory	1. Introduction 2. Nature of Memory 3. Information Processing Approach: The Stage Model 4. Memory Systems: Sensory, Short-term and Long-term Memories 5. Levels of Processing	Guided Discussion Problem solving based learning, Peer Teaching and Self-assessment Learning by doing Discussion based learning	The students will be able to understand the nature of memory. The students will be able to distinguish between different types of memory. The students will be able to explain how the contents of long-term memory are represented and organized.

					6. Types of Long-term Memory a. Declarative and Procedural; b. Episodic and Semantic		
November	**18th Nov-29th Nov**	**10**	**14**	Chapter 6 Human Memory	7. Nature and Causes of Forgetting a. Forgetting due to Trace Decay, Interference and Retrieval Failure 8. Enhancing Memory Mnemonics using Images and Organization	Guided Discussion Problem solving based learning, Peer Teaching and Self-assessment Learning by doing Discussion based learning	The students will be able to explain how the contents of long-term memory are represented and organized. The students will be able to understand the strategies for improving memory- Mnemonics. The students will be able to apply study techniques for better retention- PQRST techniques. The students will be able to understand the nature and causes of forgetting.
December	**10th Dec-19th Dec**	**8**	**15**	Chapter 7 Thinking	1. Introduction 2. Nature of Thinking a. Building Blocks of Thoughts b. Culture and Thinking 3. The Process of Thinking 4. Reasoning 5. Decision making	Guided Discussion Problem solving based learning Peer Teaching Self-assessment Explanation and brainstorming	The students will be able to describe the nature of thinking and reasoning. The students will be able to understand the relationship between language and thought.

December	**20th Dec-31st Dec**	**7**	**16**	Chapter 7 Thinking	6. Nature and Process of Creative Thinking a. Nature of Creative Thinking b. Lateral Thinking c. Process of Creative Thinking 7. Thought and Language 8. Development of language and Language Use a. Bilingualism and Multilingualism	Guided Discussion Problem solving based learning Peer Teaching Self-assessment Explanation and brainstorming	The students will be able to describe the process of language development and its use The students will be able to demonstrate an understanding of some cognitive processes involved in problem solving and decision making. The students will be able to understand the nature and process of creative thinking and learn ways of enhancing it.
January	**8th Jan-20th Jan**	**9**	**17**	Chapter 8 Motivation and Emotion	1. Introduction 2. Nature of Motivation 3. Types of Motives a. Biological Motives b. Psychosocial Motives 4. Maslow's Hierarchy of Needs a. Self-Motivation 5. Nature of Emotions	Guided Discussion Problem solving based learning Peer Teaching Self-assessment Explanation and brainstorming	The students will be able to understand the nature of human motivation. The students will be able to describe the nature of some important motives. The students will be able to describe the nature of emotional expression. The students will be able to understand the relationship between culture and emotion.
January	**21st Jan-31st Jan**	**9**	**18**	Chapter 8 Motivation and Emotion	6. Expression of Emotions a. Culture and Emotional Expressions	Guided Discussion Problem solving based learning	The students will be able to be able to identify and manage negative emotions.

					b. Culture and Emotional Labeling 7. Managing Negative Emotions a. Post-Traumatic Stress Disorder b. Management of Examination Anxiety 8. Enhancing Positive Emotions Emotional Intelligence	Peer Teaching Self-assessment Explanation and brainstorming	The students will be able to learn how to regulate examination anxiety
February	**3rd Feb-12th Feb**	**8**	**19**		REVISION		
February	**13th Feb-21st Feb**	**8**	**20**		REVISION AND FINAL EXAMINATION		

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER

SESSION 2024-25

GRADE: XI **SUBJECT: ECONOMICS** **TEXT BOOK: 1) Statistics for Economics-NCERT**
2) Introductory Microeconomics-NCERT

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	15th April-17th April	3	1	Unit 4: Introduction	- Microeconomics & Macroeconomics -Positive and normative economics - Central problems of an economy	- Group discussion on the availability of the resources and their allocation	Students will be able to: Enumerate the three central problems of an economy
April and May	18th April-3rd May	13	2	Unit4: Introduction Unit 5: Consumer's equilibrium and demand	-Concept of Production Possibility curve and Opportunity Cost Ch: Demand -Market demand -Determinants of demand -Demand schedule and demand curve - Movement and shifts in demand curve	-Flowcharts -Case study on the demand of the product (project)	Students will be able to: Develop understanding skills about the concepts of PPC and opportunity cost Identify determinants of demand and learn movements and shifts in demand curve
May	13th May-17th May	5	3	Unit 5: Consumer's equilibrium and demand	- Price Elasticity of DD - Factors affecting price elasticity of demand - Measurement of Elasticity of demand: by percentage-change and total expenditure method	- Numerical - Application based questions	Students will be able to: Use analytical skills to calculate elasticity of demand

July	**1st July-15th July**	**12**	**4**	**Unit 2: Collection, organisation and Presentation of data**	**Ch: <u>Collection of data</u> - Sources of data: primary, secondary - Concepts of Sampling - Methods of collecting data - Sources of Secondary data: Census of India, NSSO Ch: <u>Organisation of data</u> - Meaning and types of variables**	**- Case study - Reasoning based questions - Discussion**	**Students will be able to: Evaluate sources of data collection and develop critical thinking skills to comprehend about Census of India and National Sample Survey Organization Classify data in various ways**
July	**16th July-31st July**	**12**	**5**	**Unit 2: Collection, organization and Presentation of data**	**Ch-<u>Organisation of data</u> -Frequency distribution Ch: <u>Presentation of data</u> -Tabular presentation -Diagrammatic Presentation of Data: (i)Bar and pie diagrams (ii) Histogram, Polygon and Ogive (iii) Time series graph**	**-Diagrammatic Practice -Demonstration Method**	**Students will be able to: Interpret frequency distribution table and draw tabular and diagrammatic presentation of data**
August	**1st Aug-14th Aug**	**11**	**6**	**Unit 5: Consumer's equilibrium and demand**	**Ch: <u>Consumer's equilibrium</u> -Utility and Marginal Utility - Law of Diminishing MU - Consumer's equilibrium using MU analysis -Indifference Curve analysis -Consumer's Budget: budget set & budget line - Indifference curve and indifference map -Conditions of Consumer's equilibrium using Indifference Curve**	**-High order thinking skills(HOTS) questions - Flowcharts**	**Students will be able to: Acquire knowledge about Law of Diminishing Marginal Utility and conditions of consumer's equilibrium using marginal utility analysis Interpret Indifference curve analysis**

August	**16th Aug-30th Aug**	**10**	**7**	**Unit 6: Producer Behaviour and Supply**	**Ch: <u>Production</u> - Meaning of Production function (short & long run) - Concept of Total product, Average Product and MP -Returns to a Factor**	**-Assertion Reason based questions - Brainstorming sessions**	**Students will be able to: Develop cognitive skills to explain Law of Variable Proportions**
September	**2nd Sept-10th Sept**	**7**	**8**	**Unit 1: Introduction**	**-Concept of Economics -Meaning, Scope, functions and importance of statistics in Economics**	**-Quiz -Oral discussion**	**Students will be able to: Develop critical thinking skills to explain the importance of statistics used in daily life**
September	**24th Sept-30th Sept**	**5**	**9**	**Unit 6: Producer Behaviour and Supply**	**Ch: <u>Cost (short run costs)</u> -Meaning of Total cost, Total Fixed Cost, Total Variable cost, AC, AFC, AVC, MC**	**-Statement based questions - Mind Mapping**	**Students will be able to: Develop understanding skills to define various short run costs.**
October	**1st Oct-16th Oct**	**11**	**10**	**Unit 6: Producer Behaviour and Supply**	**-Cost (relationships between short run costs) Ch: <u>Revenue</u> - Concept of Total Revenue, Average Revenue and Marginal revenue (meaning and their relationship)**	**-Flowcharts - Case study**	**Students will be able to: Establish interrelationship between various short run costs. Learn the concept of revenue generated by the firms**
October	**17th Oct-30th Oct**	**10**	**11**	**Unit 6: Producer Behaviour and Supply Unit 3: Statistical tools and Interpretation**	**Ch: <u>Producer's equilibrium</u> - Meaning -Conditions of equilibrium in terms of MR-MC Ch: <u>Measures of Central Tendency</u> -Arithmetic Mean**	**-Matching type questions - Quiz -Numerical -Reasoning based questions**	**Students will be able to: Analyze the conditions of equilibrium in terms of MR-MC approach Calculate mean by direct method, assumed mean & step deviation method**
November	**4th Nov-16th Nov**	**10**	**12**	**Unit 3: Statistical tools and interpretation**	**Ch: <u>Measures of Central Tendency</u> (Contd.) -Median -Mode**	**-Numerical -Reasoning based questions - Discussion**	**Students will be able to: Enumerate median and mode of individual, discrete and continuous series**

November	**18th Nov-29th Nov**	**10**	**13**	**Unit 6: Producer Behaviour and Supply**	**Ch: <u>Supply</u> -Market Supply -Determinants of Supply-Supply schedule, supply curve & its slope -Movements and shifts in supply curve**	**-Group discussion on factors affecting supply**	**Students will be able to: Enlist determinants of supply and Identify shifts and movements in supply curve**
December	**10th Dec-19th Dec**	**8**	**14**	**Unit 6: Producer Behaviour and Supply**	**-Price elasticity of Supply -measurement of price elasticity of supply using percentage change method**	**-Numerical -Application based questions**	**Students will be able to: Use cognitive skills to Measure price elasticity of supply**
December	**20th Dec-31st Dec**	**7**	**15**	**Unit7: Perfect Competition- Price determination and simple applications**	**Ch: <u>Perfect competition</u> -Features of Perfect Comp. - Determination of market equilibrium**	**-Case study - Brainstorming session**	**Students will be able to: Rationalize the implications of perfect competition; Excess Demand and Excess Supply**
January	**8th Jan-20th Jan**	**9**	**16**	**Unit7: Perfect Competition- Price determination and simple applications**	**-Effects of shifts in demand and supply (short run only) -Simple applications of Demand and Supply: Price ceiling and Price floor**	**-Mind mapping - Reasoning based questions discussions - Demonstration method**	**Students will be able to: Draw shifts in demand and supply curves effecting equilibrium price and quantity Develop understanding skills to elaborate about Price ceiling and Price Floor**
January	**21st Jan-31st Jan**	**9**	**17**	**Unit 3: Statistical tools and Interpretation**	**Ch: <u>Correlation</u> - Meaning and properties -Scatter diagram -Measures of correlation: Karl Pearson's method (two variables ungrouped data) -Spearman's rank method (Non-Repeated Ranks and Repeated Ranks)**	**-Numerical - Statement based questions**	**Students will be able to: Develop analytical skills to explain the properties of Scatter Diagram Calculate correlation using Karl Pearson's method and Spearman's rank correlation method**

February	**3rd Feb-12th Feb**	**8**	**18**	**Unit 3: Statistical tools and Interpretation**	**Ch: <u>Index numbers</u> - Meaning -Types: Wholesale Price Index Consumer Price Index Index of industrial producti - Uses of index numbers -inflation and Index Nos. -Simple Aggregative Method**	**-Group discussion of the impact of Index numbers on Inflation**	**Students will be able to: Enlist types of Index numbers and enumerate it's uses.**
February	**13th Feb-21st Feb**	**8**	**19**	**Revision**	**Unit 5 Individual doubts**	**-Revision tests - Oral discussion**	**Students will be able to: Recapitulate concept of demand and consumer's equilibrium**

***UNIT TEST 1:**
Class XI-22nd July,2024 to 26th July,2024

***MID TERM:**
Class XI-11thSept,2024 to 23rd Sept.,2024

***UNIT TEST 2:**
Class XI- 2nd Dec,2024 to 7th Dec,2024

***FINAL EXAMS:**
Class XI-24th Feb,2025 onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: GEOGRAPHY** **TEXT BOOK: NCERT**

BOOK-1: FUNDAMENTALS OF PHYSICAL GEOGRAPHY
BOOK-2: INDIA: PHYSICAL ENVIRONMENT
BOOK-3: PRACTICAL WORK IN GEOGRAPHY (PART-I)

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVES
April	**15th April-17th April**	**3**	**1**	**BOOK-1: FUNDAMENTALS OF PHYSICAL GEOGRAPHY** **CH-1: Geography As A Discipline**	• Geography as an Integrated Discipline • Branches of Geography (Based on Systematic and Regional Approaches) • Physical Geography and its Importance	• Make a flow chart of branches of geography.	**After the completion of the unit, the students will be able:** • To explain the meaning of geography as an integrated discipline. • To state the fields of geography and its relation with other disciplines. • To explain the approaches to studying geography
April and May	**18th April-3rd May**	**13**	**2**	**BOOK-1:** **CH-2: The Origin And Evolution Of The Earth** **CH-3: Interior Of The Earth**	▪ Early Theories ▪ Modern Theories ▪ Evolution of the Earth – Sources of Information about the Interior	▪ Presentation and interaction about the origin of the earth by students. – **Activity:** Draw a well-labelled diagram to show the interior of the earth.	▪ To acquire knowledge about Earth's origin through various theories. ▪ To understand stages in the evolution of the earth. – To describe direct and indirect sources of information about the interior of the earth.

						▪ Draw a diagram of a volcano and mark the following parts: a. Magma Chamber b. Vent c. Central Pipe d. Lava flow	
May	**13th May-17th May**	**5**	**3**	**CH-3: Interior Of The Earth** ***(Continued)***	▪ Effects of Earthquake ▪ Structure of the Earth ▪ Volcanoes and Volcanic Landforms	▪ Draw a diagram to show the intrusive volcanic forms.	▪ To understand that the configuration of the surface of the earth is largely a product of the exogenic and endogenic processes operating in the interior of the earth
July	**1st July-15th July**	**12**	**4**	**<u>BOOK-1:</u>** **CH-4: Distribution Of Oceans And Continents**	• Continental Drift • Concept of Sea Floor Spreading • Plate Tectonics Movement of the Indian Plate	• **On the outline world map mark and label the following:** a. Major plate boundaries b. Ring of fire c. Hot spot Volcanoes	• To describe the theory of continental drift proposed by Alfred Wegner. • To understand the present configuration of continents and oceans through plate tectonics theory.
				CH-5: Geomorphic Processes	• Introduction/ Meaning • Endogenic and Exogenic Processes • Weathering • Biological Activity and Weathering • Special Effects of Weathering • Significance of Weathering • Mass Movements • Erosion and Deposition • Soil Formation	• Prepare a concept map to show different Exogenic and Endogenic Processes. • Study types of mass movements and prepare a mind map.	• To understand various exogenic and endogenic processes responsible to bring changes in the configuration of the surface of the earth. • To define the following terms: Exfoliation, Denudation, Weathering etc.

July	**16th July-31st July**	**12**	**5**	**BOOK-3: PRACTICAL WORK IN GEOGRAPHY (PART-I)** **CH-1: Introduction To Maps**	- Essentials of Map Making - History of Map Making - Uses of Maps - Measurement of Area Using Polar Planimeter	- Make a flow chart of essentials of map making.	- To define map. - To understand the essentials of map making and relate these with the past. - To analyze how to measure the area using polar planimeter.
				CH-2: Map Scale	• What is Scale? • Methods of Scale • Conversion of Scale	• Make a table of systems of measurements.	• To define scale and familiarize the different methods of scale. • To calculate the conversion of scale through different methods.
				CH-3: Latitude, Longitude And Time	➢ Parallels of Latitudes ➢ Drawing of Parallels of Latitude ➢ Meridians of Longitude ➢ Longitude and Time ➢ International Date Line	➢ Group discussion about standard time and mean Greenwich time.	➢ To familiarize the concept and how to draw parallels of latitude and meridians of longitude. ➢ To differentiate between the parallels of latitude and meridians of longitude.

August	**1st Aug-14th Aug**	**11**	**6**	**BOOK-1:** **CH-6: Landforms And Their Evolution** **Ch-7: Composition And Structure Of Atmosphere**	• Running Water • Erosional and Depositional Landforms • Groundwater • Glaciers • Winds • Waves and Currents • Horn Rocky Coast • Low Sedimentary Coast ➢ Composition of the Atmosphere ➢ Structure of the Atmosphere	• Draw neat and well labelled diagrams of landforms created by running water, wind and waves etc. ➢ Draw a neat and well labelled diagram to show different layers of the atmosphere and write the importance of each layer.	• To describe and draw various erosional and depositional landforms created by different agents. • To locate different landforms (mountains, plateaus, plains) on the outline map of the world. ➢ To describe the composition and characteristics of different layers of atmosphere. ➢ To correlate climate change with Sustainable Development Goals13: Climate Action.
August	**16th Aug-30th Aug**	**10**	**7**	**BOOK-1:** **CH-8: Solar Radiation, Heat Balance And Temperature**	– Solar Radiation – Heating and Cooling of Atmosphere – Inversion of Temperature	– Draw a diagram to show the passage of solar radiation through the atmosphere.	– To differentiate between solar radiation and terrestrial radiation. – To give reasons for variability of insolation at the surface of the earth. – To understand the heating and cooling of the atmosphere and the resultant temperature distribution over the surface of the earth.
September	**2nd Sept-10th Sept**	**7**	**8**	**Revision of Ch-1 to Ch-8**	▪ MCQs ▪ Source based questions ▪ Short questions ▪ Long questions	---	▪ The students will be able to revise the concept with the help of peer learning.

September	**24th Sept-30th Sept**	**5**	**9**	**BOOK-1:** **CH-9: Atmospheric Circulation And Weather Systems**	• Atmospheric Pressure • Vertical Variation of Pressure Horizontal Distribution of Pressure • World Distribution of Sea Level • Pressure Factors Affecting the Velocity and Direction of Winds	• Examine the weather conditions necessary for the formation of cyclones, tornadoes, hurricanes etc.	• To understand the general atmospheric circulation and the forces that control the circulation. • To understand the meaning of various terms related to the topic. • To know the causes and consequences of air circulation. • To realize how global warming is the result of atmospheric pollution and how it can be minimized if not prevented.
October	**1st Oct-16th Oct**	**11**	**10**	**BOOK-3:** **CH-4: Map Projection**	○ Map Projection ○ Need ○ Elements ○ Classification ○ Constructing some Selected Projections	○ Draw a Mercator projection for the world map when the R.F. is 1:400,000,000 and the interval between the latitude and longitude is 20º.	○ To define the following terms: Map Projection, The Great Circle, Homolographic Projection and Orthomorphic Projection. ○ To construct some selected projections such as: conical, cylindrical equal area, Mercator.
				CH-5: Topographical Maps	• Introduction • Methods of Relief Representation • Contours • Valley • Identification of Cultural Features from Topographical Sheets • Interpretation of Topographical Maps	• Draw and discuss the conventional signs and symbols. • Study the extract from the topographical sheet no. 63k/12, as shown in the figure. (Pg.-66)	• Tointerpret the topographical maps and identify the natural and cultural features. • To identify the conventional signs and symbols. • To correlate the different types of slopes. • To discuss the map interpretation procedure with the help of topographical sheets.

					• Map Representation Procedure		
October	**17th Oct-30thOct**	**10**	**11**	**BOOK-3:** **CH-6: Introduction To Remote Sensing** **BOOK-1:** **CH-10:Water In The Atmosphere**	– Introduction – Stages in Remote Sensing – Sensors – Resolving Powers of the Satellites – Sensor Resolutions – Data Products Interpretation of Satellite Imageries ▪ Evaporation and Condensation ▪ Types of Rainfall ▪ World Distribution of Rainfall	– Draw a diagram of the Electromagnetic Spectrum. – Draw a diagram of Sun-Synchronous and Geo-Stationary Satellite. ▪ Make a list of different forms of condensation and precipitation and define them. ▪ Draw diagrams of different types of rainfall. .	– To describe the different stages in remote sensing with the help of a diagram. – To compare sun-synchronous and geostationarysatellites. – To discuss how to interpret the satellite imageries and identify the various features. ▪ To explain the process of precipitation and its different forms. ▪ To analyze the variation in the distribution of rainfall in the world.
November	**4th Nov-16thNov**	**10**	**12**	**BOOK-1:** **CH-11: World Climate And Climate Change** *(To be tested through internal assessments in the form of project and presentation)*	- Koeppen's Scheme of Classification of Climate - Climate Change	- Make a project on World Climate and Climate Change.	- To define three broad approaches that have been adopted for classifying climate – Empirical Classification, Genetic Classification, and Applied Classification. - To analyze Koeppen's Scheme of Classification of Climate. To evaluate the climate changes in the recent past.

				BOOK-1: **CH-12: Water (Oceans)**	• Hydrological Cycle • Relief of the Ocean Floor • Temperature of Ocean Water • Salinity of Ocean Waters • Horizontal Distribution of Salinity	• Draw a diagram to show major and minor features of ocean floor. • Study figure 13.5 and analyze the horizontal distribution of salinity in different oceans. • Locate and label the major seas on a political map of the world.	• To explain the water cycle and summarize how an increase in demand for water leads to a water crisis. • To illustrate major and minor ocean floor features. (mid-oceanic ridges, seamounts, submarine canyons, guyots, and atolls) • To describe the horizontal and vertical distribution of oceanic temperature. • To evaluate the factors affecting the salinity of ocean waters.
November	**18th Nov-29th Nov**	**10**	**13**	**BOOK-1:** **CH-13: Movements Of Ocean Water** **CH-14: Biodiversity And Conservation**	• Waves • Tides • Types of Tides • Ocean Currents • Types of Ocean Currents - Levels of Biodiversity - Importance - Loss of Biodiversity - Conservation of Biodiversity	• Mark and label the major warm and cold currents on an outline world map. • Draw a diagram of spring and neap tides. – Make a list of flora and fauna found in your surroundings and paste the pictures of at least ten species.	• To define and differentiate between tides and currents. • To describe the formation of sea waves. • To analyse the importance of tides. • To classify and describe major ocean currents and their effects. – To explain the three major realms of the environment. – To explain the concept of ecology. – To analyse the features and types of aquatic ecosystems and biomes with examples.
December	**10th Dec-19th Dec**	**8**	**14**	**BOOK-2: INDIA: PHYSICAL ENVIRONMENT** **CH-1: India- Location**	• Introduction • Size • India and its Neighbours	▪ On an outline map of India mark all the neighbouring countries and compare the size of India with its neighbours. ▪ Make a list of all the states that share a common boundary with our neighbouring countries.	▪ To describe the location of India mentioning the surrounding water bodies. ▪ To analyze the implications of living in a country with vast longitudinal and latitudinal

				CH-2: Structure And Physiography	- The Peninsular Block - The Himalayas and other Peninsular Mountains - Indo-Ganga-Brahmaputra Plain - Physiography	▪ Mark and label the land boundary and coastline on an outline map of India. ▪ On a political map of India mark and label the states and UTs. - On an outline map of India mark and label the physiographic divisions of India.	extent and its impact on the standard time of India. ▪ To explain the vastness of India and the diversity that comes along with it. - To understand the evolution of different geological structures in India. - To acquire knowledge about physiographic divisions and their subdivisions.
December	**20th Dec-31st Dec**	**7**	**15**	**<u>BOOK-2:</u> CH-3: Drainage System**	▪ Drainage System of India ▪ The Himalayan Drainage ▪ Evolution of the Himalayan Drainage ▪ The River System of the Himalayan Drainage ▪ The Peninsular Drainage System ▪ Extent of Usability of River Water	▪ Group discussion about floods-their positive and negative impact. ▪ Make a list of east flowing and west flowing rivers of peninsular region.	▪ To understand the drainage system and drainage patterns of Indian rivers. ▪ To understand the extent of usability of river water and the problems associated with it.
January	**8th Jan-20th Jan**	**9**	**16**	**<u>BOOK-2:</u> CH-4: Climate**	• Unityand Diversityin the Monsoon Climate • Factors Determining the Climate of India • The Nature of Indian Monsoon • The Rhythm of Seasons	• Students to mark and label the hottest, coldest, driest and wettest place in India. (on a political map) • The Air Quality Index is a way for the government to alert people to the quality of the air and how bad the air pollution is in an area or city. The colours of the following to help you	• To discuss the factors affecting climate of the country and its effect on country's economic life. • To understand Indian monsoon: and its mechanism. • To list the weather conditions that prevails during different seasons. • To analyze the variation in distribution of rainfall in India.

					• The Southwest Monsoon Season • Traditional Indian Seasons • Global Warming	determine if you should go outside. • Green - the air is good. • Yellow - the air is moderate • Orange - the air is unhealthy for sensitive people like the elderly, children and those with lung diseases. • Red – Unhealthy • Purple - Very unhealthy • Maroon - Hazardous	• To understand the concept of Global Warming.
January	**21st Jan-31st Jan**	**9**	**17**	**<u>BOOK-2:</u>** **CH-5: Natural Vegetation** **CH-6: Natural Hazards And Disasters** *(To be tested through internal assessment in the form of Projects and presentations)*	• Types of Forests • Forest Conservation • Wildlife • Wildlife Conservation in India • Biosphere Reserves ➢ Introduction ➢ Classification of Natural Disasters ➢ Natural Disasters and Hazards in India ➢ Disaster Management ➢ conclusion	• To mark all major types of forests on the map of India. ➢ Divide the class into groups and allocate one disaster to each group.	• To understand the relationship between vegetation belts and the climate. ➢ To classifies different types of hazards and disasters. ➢ To describes causes effects and mitigation policy for various natural disasters. ➢ To identify and locate regions prone to different disasters on the map. ➢ To understand the concept of disaster management.
February	**3rd Feb-12th Feb**	**8**	**18**	Revision of Ch-Geomorphic Process, Landforms, Movement of Ocean Water and Biodiversity & Conservation, Structure and Physiography, Drainage System, Climate and Natural Vegetation + Map skills	▪ Sample paper ▪ Source-based questions ▪ Diagram-based questions ▪ Map-based questions	▪ Discussion about different types of landforms, physical features and drainage patterns.	▪ The students will be able to revise the concepts with the help of peer learning.

February	**13th Feb-21st Feb**	**8**	**19**	Final Exams	---	---	---

*__UNIT TEST 1:__
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May
Class XI – 22nd July to 26th July

***MID TERM:**
All Classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
- **All classes except X and XII - 24th Feb onwards** physical features and drainage patterns.

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: HISTORY** **TEXT BOOK : THEMES IN WORLD HISTORY**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**15th April-17thApril**	**3**	**1**	Writing and City Life	**1**. Mesopotamia and its Geography.	• Familiarize the learner with the nature of early urban Centre's.	• Students will describe major theories of writing and city life. • Discuss whether writing is significant as a marker of civilization.
April and May	**18thApril-3rd May**	**13**	**2**	Writing and City Life	1. The Significance of Urbanism. 2. Movement of Goods into Cities 3. The Development of writing. 4. The system of Writing. 5. Literacy 6. The Uses of writing 7. Urbanisation in Southern Mesopotamia: temples and kings. 8. Life in the City. 9. A Trading town in a Pastoral Zone	• Activity 1 page no.10 • Activity2 page no.12 • Activity 3 page no.23	• Discuss whether writing is significant as a marker of civilization.

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
					10. Cities in Mesopotamia Culture. 11. The Legacy of writing		
May	**13th May-17th May**	**5**	**3**	An Empire across Three Continents	1. The Early Empire 2. The Third-Century Crisis. 3. Gender, Literacy, Culture.	• Activity 1 page no.43	Realistic not aspirational (should be able to demonstrate the knowledge or skill described by the learning outcome at the conclusion of the course).
May (X &XII)	**22nd May-31st May**	**7**	**4**	An Empire across Three Continents	4. Economic Expansion. 5. Controlling workers. 6. Social Hierarchies. 7. Late Antiquity.	• Activity 1 page no.43	Use primary sources and evidences. Interpret these sources and drew conclusions.
July	**1st July-15th July**	**12**	**5**	Nomadic Empires	1. Introduction 2. Social and Political Background. 3. The Career of Genghis Khan. 4. The Mongols after Genghis khan. 5. Social, political and Military organisation 6. Conclusion : Situating Genghis Khan and the Mongols in World History	• Activity 3 page no.47 • Activity 2 page no.46 • Activity 4 page no.50	• Familiarize the learner with the nature of early urban Centre's. • Discuss whether writing is significant as a marker of civilization. Use primary sources and evidences. Interpret these sources and drew conclusions.

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
July	**16th July-31st July**	**12**	**6**	Section III : Changing Traditions Introduction Three Orders	1. An Introduction to Feudalism. 2. France and England 3. The Three Orders	• Activity 1 page no.91	Students will describe major theories of Clergy , Nobility & Peasants.
August	**1st Aug-14th Aug**	**11**	**7**	Section III : Changing Traditions Introduction Three Orders	4. The Second Order : The Nobility 5. The Manorial Estate 6. The Knights 7. The First Order : the Clergy 8. Monks 9. The Church and Society	• Activity 2 page no.92	Transferable (should address knowledge and skills that will be used by the learner in a wide variety of contexts).
August	**16th Aug-30th Aug**	**10**	**8**	Section III : Changing Traditions Introduction Three Orders	10. The Third Order: Peasants, Free and unfree 11. England 12. Factors Affecting social and Economic Relations 13. the Environment 14. Land use 15. New agricultural Technology.	• Activity 3 page no.99	Familiarize the learner with the nature of the economy and society of this period and the changes within them. Use primary sources and evidences.
September	**2nd Sept-10th Sept**	**7**	**9**	Section III : Changing Traditions Introduction Three Orders	16. a Fourth Order ? New Towns and Townspeople 17. Cathedral-towns 18. The Crisis of the Fourteenth Century 19. Social Unrest 20. Political Changes	• Activity 4 page no.103	• Show how the debate on the decline of feudalism helps in understanding processes of transition.

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
September	**24th Sept-30th Sept**	**5**	**10**	Changing Cultural Traditions	1. The Revival of Italian cities 2. universities and Humanism	• Activity 1 page no.109	• Explore the intellectual trends in the period. • Familiarize students with the paintings of the period.
October	**1st Oct-16th Oct**	**11**	**11**	Changing Cultural Traditions	3. The Humanist view of history 4. Science and philosophy: The Arab's Contribution 5. Arts and Realism. 6. Architecture 7. The First Printed books.	• Activity 2 page no.113	Get familiarize with the concepts of chapter.
October	**17th Oct-30thOct**	**10**	**12**	Changing Cultural Traditions	8. A New Concept of Human Beings. 9. The Aspirations of Women. 10. Debates within Christianity.	• Activity 3 page no.116	• Introduce the debate around the idea of 'Renaissance'.
November	**4th Nov-16thNov**	**10**	**13**	Changing Cultural Traditions	11. The Copernican Revolution. 12. Reading the universe. 13. Was there a European ' Renaissance' in the Fourteenth Century ?	• Activity 4 page no.118	Use primary sources and evidences. Interpret these sources and drew conclusions.
November	**18th Nov-29th Nov**	**10**	**14**	Displacing Indigenous People	1. European Imperialism. 2. North America: The Native Peoples. 3. Encounters with Europeans.	• Activity 1 page no.141	Realistic not aspirational (should be able to demonstrate the knowledge or skill described by the learning outcome at the conclusion of the course).

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
December	**10th Dec-19th Dec**	**8**	**15**	Displacing Indigenous People	4. Mutual Perceptions. 5. The Native Peoples Lose their Land. 6. The Gold Rush, and the Growth of Industries.	• Activity 2 page no.144	Understand the implications of such processes for the displaced populations
December	**20th Dec-31st Dec**	**7**	**16**	Displacing Indigenous People	7. Constitutional rights. 8. The Winds of Change. 9. Australia : Introduction 10. The Winds of Change.	• Activity 3 page no.148 • Activity 4 page no.150	Displacements that accompanied the development of America. Sensitize students to the processes of displacements that accompanied the development of Australia.
January	**8th Jan-20th Jan**	**9**	**17**	Paths to Modernization	1. Introduction. 2. Japan : The Political system. 3. The Meiji Restoration. 4. Modernising the Economy. 5. Industrial Workers 6. Aggressive Nationalism. 7. 'Westernisation' and ' Tradition' 8. Daily life 9. 'Overcoming Modernity' 10. after Defeat: Re-emerging as a Global economic Power	• Activity 1 page no.158	• Make students aware that transformation in the modern world takes different forms.
January	**21stJan-31st Jan**	**9**	**18**	Paths to Modernization	11. China: Establishing the Republic. 12. The Rise of the communist Party of China.	• Activity 2 page no.164	Show how notions like 'modernization' need to be critically assessed .

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
					13. Establishing the New Democracy: 1949-65. 14. Conflicting Visions : 1965-78 15. Reforms from 1978 16. The Story of Taiwan 17. The Story of Korea 18. A post- war Nation 19. Rapid Industrialisation under strong Leadership		
February	**3rd Feb-12th Feb**	**8**	**19**	Paths to Modernization	20. Continued economic growth and Calls for Democratisation. 21. Korean democaracy and the IMF Crisis. 22. Two roads to Modernisation	• Activity 3 page no.166	Interpret these sources and drew conclusions.
February	**13th Feb-21st Feb**	**8**	**20**		**REVISION (FOR FINAL TERM EXAMS)**		**STUDENTS WILL BE ABLE TO LEARN THE PATTERN OF QUESTIONS FOR FINAL TERM EXAMS.**

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER

SESSION 2024-25

GRADE: XI **SUBJECT: POLITICAL SCIENCE** **BOOK 1: INDIAN CONSTITUTION AT WORK**

BOOK 2: POLITICAL THEORY

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	15th April-17 th April	3	1	Book 1-Ch 1 - Constitution: why and how	• Why do we need a constitution? • Specification of decision-making powers • Limitations on the powers of government • Aspirations and goals of a society	• Reading of the preamble of the Constitution of India • Group discussion and debate on the need of the constitution • Questions Strategy	The students will be able to understand - • The conditions and circumstances in which the constitution of India was made • Appreciate the need for the constitution • How the constitution of India has divided the powers among the different institutions of the government
April and May	18th April- 3rd May	13	2	Chapter 1 Constitution: why and how	• Fundamental identity of people • The authority of the constitution	• Discussion on the Indian constituent assembly	• The students will be able to understand- • The provisions adopted from the different constitutions of the world

					• Mode of promulgation • Balanced institutional design • How was the Indian constitution made • Composition of the constituent assembly • Inheritance of the nationalist movement and institutional arrangements		• How the constituent assembly of India represented all the sections of the society
				Chapter 2- Rights in the Indian constitution	• The importance of rights • Bill of rights • Fundamental rights • Right to equality • Right to freedom • Right against exploitation • Right to freedom of religion-	• Debate on the importance of rights • Discussion on the importance of fundamental rights	• After the completion of this chapter the students will be able to understand- • The importance of fundamental rights written in the constitution of India • The role of judiciary in protecting and interpreting the fundamental rights

					freedom of faith, equality of all religions • Cultural and educational rights		
May	13th May- 17th May	5	3	Chapter 2 -Rights in the Indian constitution	• Right to constitutional remedies • Directive principles of State policy • Relationship between directive principles and fundamental rights	• Discussion on the differences between the fundamental rights and directive principles of State policy	• The students will be able to understand- • The relation and differences between the fundamental rights and directive principles of State policy
July	1st July- 15th July	12	4	Revision of chapter 1 -Constitution :why and how and Chapter 2- Rights in the Indian constitution Chapter 3 -Election and representation	• Elections and democracy • Election system in India	• Cartoon analysis • Group discussion on the election system in India	• The students will be able to understand- • Election process in India

					• First past the post system • Proportional representation • Composition of FPTP and PR system • Why India adopted the FPTP system? • Reservation of constituencies • Free and fair election • Universal franchise • Independent election commission • Electoral reforms	• Group discussion on the challenges before election system in India	• Different methods of election • Functions of the election commission of India • Rationale of free and fair elections
July	**16th July-31st July**	**12**	**5**	**Chapter 4 Executive**	• What is an executive? • What are the different types of Executive ? • Parliamentary executive in India • Powers and position of president • Discretionary powers of	• Discussion on different forms of Executive • Discussion on the differences between real and nominal executive	• The students will be able to understand- • The meaning and significance of Executive • The differences between parliamentary and presidential form of Executive • Powers and position of the president and prime minister of India

					• the president • Vice president • Prime minister and council of ministers • Permanent executive :bureaucracy		• The significance of the administrative machinery in India
August	1st Aug-14th Aug	11	6	Chapter 1-Political theory: an introduction	• What is politics? • What do we study in Political theory? • Putting Political theory to practice • Why should we study Political theory?	• Discussion on the works of great thinkers in the world • Questions strategy	• The students will be able to understand- • The meaning and importance of Political theory • Contribution of political thinkers and appreciate their work
August	16th Aug-30th Aug	10	7	Chapter 2 Freedom	• The ideal of freedom • What is freedom? • Sources of constraints • Why do we need constraints • Harm principle • Negative and positive Liberty	• Discussion on the freedom of the people • Comparative analysis of negative and positive Liberty	• The students will be able to understand- • Struggle of Nelson Mandela and Aung San suu Kyi against the wrong political system in their countries • Need of constraints

				Chapter 3 Equality	• **Freedom of expression** • **Why does equality matter?** • **Equality of opportunities** • **Natural and social inequalities** • **Three dimensions of equality: political equality, social equality, economic equality** • **How can we promote equality?** • **Formal equality** • **Equality through differential treatment** • **Affirmative action**	• **Discussion on the importance of equality** • **Role play**	• **Differences between the negative and positive freedom** • **The students will be able to understand-** • **The meaning and importance of equality** • **Different dimensions of equality** • **Recognise the means and methods to promote equality in the society**
September	**2nd Sept-10th Sept**	**7**	**8**	**Revision of chapter 1 to chapter 4 of Book-Indian constitution at work and chapter 1 to chapter 3 of book Political theory**	• **Source based questions** • **Picture based questions** • **MCQs**	○	• **The students will be able to understand the concepts in the better manner with the help of peer learning**

					• Short and long questions		
September	**24th Sept-30th Sept**	**5**	**9**	**Book- Indian Constitution at work** **Ch.5-Legislature**	• **Why do we need a parliament?** • **Why do we need two houses of parliament?** • **Rajya Sabha** • **Lok Sabha**	• **Discussion on the differences between the powers of the lok Sabha and rajya Sabha**	• **The students will be able to understand-** • **The powers of the parliament** • **The differences between unicameral and bicameral legislature**
October	**1st Oct-16th Oct**	**11**	**10**	**Ch.5- Legislature (contd.)**	• **What does the parliament do?** • **How does parliament make laws?** • **How does the parliament control the executive?** • **What do the committees of parliament do?** • **How does the parliament regulated itself?**	• **Debate on the passing of the bill in the parliament** • **Map activity**	• **The students will be able to understand-** • **The law making process in the parliament** • **Differences between the powers of the lok Sabha and Rajya Sabha** • **How the parliament controls the executive in India?**

October	**17th Oct-30th Oct**	**10**	**11**	**Ch.6- Judiciary**	• **Why do we need an independent judiciary?** • **Independence of judiciary** • **Appointment of judges** • **Removal of judges** • **Structure of the judiciary** • **Jurisdiction of supreme court – original , writ , appellate and advisory** • **Judicial activism** • **Judiciary and rights** • **Judiciary and parliament**	• **Discussion on the importance of judicial system in India** • **Debate on the separation of powers in practice in India**	• **The students will be able to understand-** • **Meaning and need of an independent judiciary** • **Different jurisdictions of the supreme court of India** • **Conflicts between judiciary and parliament**
November	**4th Nov-16th Nov**	**10**	**12**	**Chapter 7- Federalism**	• **What is federalism?** • **Federalism in the Indian Constitution** • **Federalism with a strong central government** • **Centre- state relations** • **Demands for autonomy**	• **Cartoon analysis** • **Map activity** • **Discussion on centre state relations**	• **The students will be able to understand-** • **The basic concept of federalism and its features** • **Identify the different subjects on which the central and state government makes laws in India**

					• Role of governors and president's rule • Demands for new States • Interstate conflicts • Special provisions • Jammu and Kashmir		• The need to have a strong Central government in India
November	**18th Nov-29th Nov**	**10**	**13**	**Chapter 8 -Local governments**	• Why local governments? • Growth of local government in India • Local governments in independent India • 73rd and 74th amendments • 73rd amendment - 3 tier structure, elections, reservations, transfer of subjects, state election commissioner	• Discussion on the 73rd and 74th amendments in Indian • Constitution • Discussion on the merits and demerits of decentralization	• The students will be able to understand- • The need and importance of the local government in India • The importance of 73rd and 74th amendments in India • Merits of decentralization • Challenges faced by the local government in India

					• Implementation of 73rd and 74th amendments		
December	**10th Dec-19th Dec**	**8**	**14**	**Chapter 9 - Constitution as a living document** **Chapter 10 :The philosophy of the constitution**	• Are constitutions static? • How to amend the constitution? • Special majority • Ratification by States • Why have there been so many amendments ? • Contents of amendments made so far • Basic structure and evolution of the constitution • Constitution as a living document • Contribution of the judiciary • Maturity of the political leadership	• Discussion on the amendments in the constitution whether these are according to the needs and circumstances or guided by the wishes of the ruling party • Questions strategy • Discussion on the philosophy of the Indian Constitution	• The students will be able to understand- • The working of the Indian Constitution • The process of amending the Indian Constitution • Different types of amendment • Meaning of a living document • The students will be able to understand-

					• **What is meant by the philosophy of the constitution?** • **Constitution as means of democratic transformation** • **Why do we need to go back to the constituent assembly?** • **What is the political philosophy of our constitution?** • **Individual freedom** • **Respect for diversity and minority rights** • **Secularism** • **Universal franchise** • **Federalism** • **National identity** • **Procedural achievements** • **Criticism**		• **The ideas of those who framed the Indian Constitution** • **The philosophy of the Indian constitution** • **The strength and limitations of the Indian Constitution**

December	**20th Dec-31st Dec**	**7**	**15**	**Book- Political Theory Chapter -4 Social justice** **Chapter 5- Rights**	• **What is justice?** • **Equal treatment for equals** • **Proportionate justice** • **Recognition of special needs** • **Just distribution** • **John Rawls theory of justice** • **Pursuing Social justice** • **Free market versus state intervention** • **What are rights?** • **Where do rights come from?** • **Legal rights and the state** • **Kinds of rights** • **Rights and responsibilities**	• **Comparative analysis of different dimensions of justice** • **Questions strategy** • **Comparative analysis of different types of rights**	• **The students will be able to understand-** • **Meaning and importance of justice** • **Principles of justice** • **John Rawls theory of justice** • **The students will be able to understand-**
January	**8th Jan-20th Jan**	**9**	**16**	**Chapter 6-Citizenship**	• **Citizenship** • **Full and equal membership** • **Equal rights**	• **Discussion on the norms of granting citizenship by different countries**	• **The students will be able to understand-** • **The meaning of citizenship**

				Chapter 7 - Nationalism	• **Citizen and nation** • **Universal citizenship** • **Global citizenship** • **Introducing nationalism** • **Nations and nationalism** • **Shared beliefs** • **Territory**	• **Cartoon analysis** • **Discussion on the importance of the feeling of nationalism**	• **The relationship between the citizen and the nation and different criterias of citizenship adopted by different countries** • **Issues about refugees or illegal migrants** • **The students will be able to understand-** • **The concept of nationalism** • **The strength and limitations of nationalism**
January	**21st Jan-31st Jan**	**9**	**17**	**Chapter 7 - Nationalism (continued)** **Chapter 8- Secularism**	• **Shared political ideals** • **Common political identity** • **National self determination** • **Nationalism and pluralism** • **What is secularism?** • **Inter religious domination and intra**	• • **Discussion on the differences between the Indian secularism and the Western secularism**	• **The students will be able to understand-** • **The meaning of national self determination** • **Differences between nationalism and pluralism** • **The students will be able to understand-** • **Meaning and importance of secularism in India**

					religious domination • Secular state • The Western model of secularism • The Indian model of secularism • Criticism of Indian secularism – anti religious • Western import • Minoritism • Interventionist • Vote bank politics		• Inter religious and intra religious domination • Characteristics of secularism in India
February	**3rd Feb-12th Feb**	**8**	**18**	**Revision of all the chapters of book 1 and book 2**	• Case based questions • MCQs • Short questions and long questions		• The students will be able to revise the concepts with the help of peer learning.
February	**13th Feb-21st Feb**	**8**	**19**	**Final Exam**			

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: ACCOUNTANCY** **TEXT BOOK: NCERT : T.S. GREWAL**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	15th April- 17th April	3	1	FUNDAMENTALS OF ACCOUNTING	-Meaning -Objectives -Limitations of Accounting -Users of Accounting -Role of accounting	- Discussion - Mind Map - Objective type - Application based questions	Students will be able to: Describe the terms of accounting in the modem economic environment with varied types of business and non-business economic entities
April and May	18th April- 3rd May	13	2	BASIC ACCOUNTING TERMS	-Basic Accounting Terms- Entity, Business Transaction, Capital, Drawings. Liabilities (Non-Current and Current). Assets (Non -Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, etc.	- Group Discussion	Students will be able to: Explain the various terms used in accounting Differentiate between different related terms like current and non-current, capital and revenue
May	13th May- 17th May	5	3	THEORY BASE OF ACCOUNTING	-Money Measurement, -Going Concern, -Accounting Period, -Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism etc.	- Scanner question - Case Studies - Work Sheets - Assertion-Reasoning Questions	Students will be able to: State the meaning of fundamental accounting assumptions and their relevance

July	**1st July-15th July**	**12**	**4**	**BASES OF ACCOUNTING**	**-System of Accounting: cash basis and accrual basis**	**- Discussion, - Mind Map, - Objective type, -Application based questions**	**Students will be able to: Explain the bases of recording accounting transaction and to appreciate that accrual basis is a better basis for depicting the correct financial position of an enterprise.**
July	**16th July-31st July**	**12**	**5**	**ACCOUNTING EQUATION**	**-Accounting Equation Approach: Meaning and Analysis.**	**- Application based questions - Case Studies**	**Students will be able to: Explain the concept of accounting equation and appreciate that every transaction affects either both the sides of the equation or a positive effect on one item and a negative effect on another item on the same side of accounting equation**
August	**1st Aug-14th Aug**	**11**	**6**	**RULES OF DEBIT AND CREDIT JOURNAL**	**-Traditional approach -Modern approach -Recording of transactions - Books of original entry.**	**- Scanner question - Case Studies - Work Sheets - Assertion, Reasoning Questions.**	**Students will be able to: Explain the effect of a transaction (increase or decrease) on the assets, liabilities, capital, revenue and expenses To develop the understanding of recording transactions in journal and the skill of calculating GST**
August	**16th Aug-30th Aug**	**10**	**7**	**CASH BOOK OTHER SUBSIDIARY BOOKS**	**-Simple cash book with bank column and petty cashbook. -Purchases book -Sales book - Purchases return book - Sales return book**	**-Quiz, - Mind Map - Case Studies - HOTS - Quiz, - Mind Map - Case Studies**	**Students will be able to: Explain the purpose of maintaining a Cashbook and develop the skill of preparing the format of different types of cash books Describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books.**

				LEDGER	**-Format** **-Posting from journal and subsidiary books** **-Balancing of accounts**	**- Quiz** **- Application based questions**	**Students will be able to:** **Appreciate that for ascertaining the position of individual accounts, transactions are posted from subsidiary books and journal proper into the concerned accounts in the ledger**
September	**2nd Sept-10th Sept**	**7**	**8**	**TRIAL BALANCE**	**-Objectives** **-Meaning and preparation**	**- Quiz** **-Application based questions**	**To state the need and objectives of preparing trial balance and develop the skill of preparing trial balance.**
September	**24th Sept-30th Sept**	**5**	**9**	**BANK RECONCILIATION STATEMENT**	**-Need and preparation**	**- Discussion** **- Mind Map** **- Objective type** **- Application based questions**	**Students will be able to state the meaning and the need for the preparation of bank reconciliation statement**
October	**1st Oct-16th Oct**	**11**	**10**	**BANK RECONCILIATION STATEMENT (Contd.)**	**-Bank Reconciliation Statement**	**- Discussion** **- Case Studies** **- Scanner question**	**Students will be able to:** **State the meaning and the need for the preparation of bank reconciliation statement**
October	**17th Oct-30th Oct**	**10**	**11**	**DEPRECIATION, PROVISIONS AND RESERVES**	**- Depreciation: Meaning, Features, Need, factors.** **-Methods of Depreciation:** **i. Straight Line Method (SLM)** **ii. Written Down Value Method**	**- Scanner question** **- Case Studies** **- Work Sheets** **- Assertion Reasoning Questions**	**Students will be able to:** **Explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation.**
November	**4th Nov-16th Nov**	**10**	**12**	**RECTIFICATION OF ERRORS**	**-Errors: classification-errors of omission, commission, principles, and compensating; their effect on Trial Balance.** **-Detection and rectification of errors;** **(i) Errors which do not affect trial balance** **(ii) Errors which affect trial balance** **-Preparation of suspense account**	**- Quiz** **- Mind Map** **- Case Studies** **- HOTS**	**Students will be able to:** **Develop the skill of identification and location of errors and their rectification and preparation of suspense account.**

November	**18th Nov-29th Nov**	**10**	**13**	**FINANCIAL STATEMENTS WITHOUT ADJUSTMENTS**	**-Meaning, objectives and importance -Revenue and Capital Receipts -Revenue and Capital Expenditure -Deferred Revenue expenditure -Opening journal entry -Trading and Profit and Loss Account - Gross Profit, Operating profit and Net profit.**	**- Activities (Individual or Group) - Demonstration - E-Class**	**The students will be able to: State the meaning of financial statements Purpose of preparing financial statements and to develop the skill of preparing trading and profit and loss account. Explain the need for preparing balance sheet.**
December	**10th Dec-19th Dec**	**8**	**14**	**FINANCIAL STATEMENTS WITH ADJUSTMENTS**	**- Adjustments in preparation of Financial Statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance**	**- Demonstration method**	**Students will be able to: appreciate that there may be certain items other than those shown in trial balance which may need adjustments while preparing Final Accounts.**
December	**20th Dec-31st Dec**	**7**	**15**	**FINANCIAL STATEMENTS WITH ADJUSTMENTS (Contd.)**	**-Depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, -Abnormal loss; Goods taken for personal use/staff welfare, interest on capital and managers commission**	**- Activities (Individual or Group) - Demonstration - E-Class**	**Students will be able to: Appreciate that there may be certain items other than those shown in trial balance which may need adjustment**
January	**8th Jan-20th Jan**	**9**	**16**	**SINGLE ENTRY SYSTEM OF ACCOUNTING**	**-Features -Reasons and limitations -Ascertainment of Profit/Loss by Statement of Affairs method.**	**- Flow charts**	**Students will be able to: Ascertain profit or loss by Statement of affairs method**
January	**21st Jan-31st Jan**	**9**	**17**	**VOUCHERS**	**-Vouchers and Source documents -Types of vouchers**	**- Mind maps**	**Students will be able to: Appreciate that on the basis of source documents, accounting vouchers are prepared**

February	**3rd Feb-12th Feb**	**8**	**18**	**REVISION**	**Chapter-wise revision**	**Chapter-wise discussion of questions for quick revision**	**To clarify individual doubts of students and to practice important questions**
February	**13th Feb-21st Feb**	**8**	**19**	**REVISION**	**Chapter-wise revision**	**Chapter-wise discussion of questions for quick revision**	**To clarify individual doubts of students and to practice important questions**

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE-BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: ENTREPRENEURSHIP** **TEXT BOOK: Entrepreneurship- Class XI By CBSE**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April and May	15th April-17th April	3	2	Unit 1: Entrepreneurship: Concept & Functions	-Concept	-Real life examples -Case Studies	Students will be able to Understand the concept of Entrepreneurship
April and May	18th April-3rd May	13	2	Unit 1: Entrepreneurship: Concept & Functions	-Functions -Need -Advantages & Limitation	-Real life examples -Case Studies -Application Based Questions -Group discussions	Students will be able to Understand and explain the functions of an Entrepreneur Appreciate the need for Entrepreneurship
May	13th May-17th May	5	3	Unit 1: Entrepreneurship: Concept & Functions	-Myths about Entrepren. -Process - Current Indian Scenario	-Quiz -Open discussions -Oral discussions	Students will be able to Assess the role of an entrepreneur in shaping one's career Learn step by step process Describe the current scenario of entrepreneurial activity in India
May (X &XII)	22nd May-31st May	7	4	SUMMER BREAK			
July	1st July-15th July	12	5	Unit 2: An Entrepreneur	-Reasons -Types -Competencies & Feature -Values, attitudes &	-Case studies -Discussions -Real life examples	Students will be able to Understand the motivation to become an entrepreneur Differentiate b/w various types Appreciate importance of an

					Motivation		**ethical entrepreneurship & competencies of an entrepreneur**
July	**16th July-31st July**	**12**	**6**	**Unit 2: An Entrepreneur** **Unit 3: Entrepreneurship Journey**	**Intrapreneur:** **-Meaning & Importance** **-Idea generation** **-Feasibility study** **-Opportunity assessment**	**-Oral discussions** **-MCQs** **-Case Based Questions** **-HOTS** **-Application Based Questions**	**Students will be able to** **Differentiate b/w Entrepreneur & Intrapreneur** **Understand ways of idea generation** **Know different personality traits of an entrepreneur**
August	**1st Aug-14th Aug**	**11**	**7**	**Unit 3: Entrepreneurship Journey**	**-Business plan:** **-Meaning** **-Purpose** **-Elements** **-Execution of business plan**	**-Oral discussions** **-Case Based Questions**	**Students will be able to** **Know various components of business plan** **Know the challenges & the problems faced by women entrepreneurs**
August	**16th Aug-30th Aug**	**10**	**8**	**Unit 4: Entrepreneurship as Innovation & problem Solving** **Project Work**	**-Entrepreneurs as** **-Problem solvers** **-Case study**	**-Case studies** **-Newspaper articles** **-Specific case study material**	**Students will be able to** **Understand the role of entrepreneurs** **Application of knowledge gathered from the surveys and material**
September	**2nd Sept-10th Sept**	**7**	**9**	**Unit 4: Entrepreneurship as Innovation & problem Solving**	**-Innovations** **-Ventures Global & Indian**	**-Case studies** **-Discussions**	**Students will be able to** **Develop innovative skills &** **Appreciate the role global & Indian innovations**
September	**24th Sept-30th Sept**	**5**	**10**	**Unit 4: Entrepreneurship as Innovation & problem Solving**	**-Role of technology** **-E-commerce and Social Media**	**-Case Based Questions**	**Students will be able to** **understand the use of technology & digitiliastion of businesses**
October	**1st Oct-16th Oct**	**11**	**11**	**Unit 4: Entrepreneurship as Innovation & problem Solving**	**-Social Entrepreneurship**	**-Application based questions**	**Students will be able to** **Understand the concept & importance of Social Entrepreneurship**

				Unit 5: Understanding the Market	**-Concept -Types**		**Understand the market & its types**
October	**17th Oct-30th Oct**	**10**	**12**	**Unit 5: Understanding the Market**	**-Micro & Macro Market Environment**	**-Case studies -Lecture method**	**Students will be able to Understand the concept of Market & its types Scan the market environment**
November	**4th Nov-16th Nov**	**10**	**13**	**Unit 5: Understanding the Market**	**-Market research -Process -Marketing mix**	**-Case studies -Flow charts**	**Students will be able to Learn how to conduct market research Understand the elements of marketing mix**
November	**18th Nov-29th Nov**	**10**	**14**	**Unit 6: Business Finance and Arithmetic**	**-Unit of sale -Unit price -Unit cost**	**-Numerical application**	**Students will be able to Discuss the concept of Unit Cost, Unit of Sale, Price of a product or service**
December	**10th Dec-19th Dec**	**8**	**15**	**Unit 6: Business Finance and Arithmetic**	**-Types of costs**	**-Flow charts -Computation**	**Students will be able to Understand the components of costs as Start-up & Operational so as to interpret & analyse cash flow forecasts**
December	**20th Dec-31st Dec**	**7**	**16**	**Unit 6: Business Finance and Arithmetic**	**-Break even analysis for single product or service**	**-Numerical application**	**Students will be able to Calculate break even of a single product/service**
January	**8th Jan-20th Jan**	**9**	**17**	**Unit 6: Business Finance and Arithmetic**	**-Concept of Income Statement**	**Numerical application**	**Students will be able to Understand the meaning of Inventory control, working capital, budgets**
January	**21st Jan-31st Jan**	**9**	**18**	**Unit 7: Resource Mobilisation**	**-Types of resources -Physical -Human -Intangible**	**-Flow charts -Examples**	**Students will be able to Identify different types of resource tools**
February	**3rd Feb-12th Feb**	**8**	**19**	**Unit 7: Resource Mobilisation**	**-Selection -Utilisation of human resources**	**-Lecture method -Flow charts**	**Students will be able to Choose the resources and make a best use of human beings**
February	**13th Feb-21st Feb**	**8**	**20**	**Revision**	**Recapitulation of concepts**	**-Doubt sessions**	**Individual doubts of individual students to be taken**

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: BUSINESS STUDIES** **TEXT BOOK: NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April and May	15th April-17th April	3	2	Ch 1: Evolution & Fundamentals of Business	- History of Trade & Commerce in India;	- Real life examples - Case studies - Flow charts	Students will be able to: Acquire knowledge about the concept of business and history of commerce in India
April and May	18th April-3rd May	13	2	Ch 1: Evolution & Fundamentals of Business	- History of Trade & Commerce in India (Cont.) - Business: Meaning; - Business, Profession & Employment; - Objectives of Business - Industry: Types - Primary; Secondary & Tertiary; - Commerce: Trade & Auxiliaries to Trade - Business Risk	- Real life examples - Case studies - Flow charts - Demonstration method - Application based questions	Students will be able to: Understand the concept of business and history of commerce in India Develop understanding and analytical skills to Differentiate between the economic activities To identify types of industries and various activities of commerce.
May	13th May-	5	3	Ch 2: Forms of Business Enterprises	- Sole Proprietorship: - Meaning; - Merits & Limitations; - Partnership: Concept;	- Quiz - Flow charts - Demonstration method - Case studies	Students will be able to: Enhance the understanding skills regarding different

	17th May				**- Types of Partnership;** **- Types of Partners** **- Merits & Limitations:** **- Registration;** **- Partnership Deed** **-Hindu Undivided Family**	**- Real life examples**	**business organisations, documents required etc.**
July	**1st July-15th July**	**12**	**4**	**Ch 2: Forms of Business Enterprises**	**- Cooperative Societies:** **- Concept** **- Merits & Limitations** **- Joint Stock Company:** **- Concept;** **- Merits & Limitations;** **- Types: Private; Public; One Person** **<u>Formation of Company</u>:** **- Stages** **- Important documents**	**-Flow charts** **- Demonstration method**	**Students will be able to:** **Develop understanding and application skills to describe the formalities of Joint Stock Companies.**
July	**16th July-31st July**	**12**	**5**	**Ch 3: Public, Private & Global Enterprises**	**- Concept;** **- Forms:** **- Departmental Undertakings;** **- Public Corporations;** **- Government Company** **Global Enterprises: -** **Features;** **- Joint Venture;** **- Public Private Partnership**	**-Mind maps** **- Flow charts** **- Case studies**	**Understand the concept of Public Sector Undertakings and their functioning** **To develop understanding skills of students to know about Global Enterprises and Joint Ventures**
August	**1st Aug-14th Aug**	**11**	**6**	**Ch 4: Business Services**	**- Meaning & Types** **- Banks: Types of accounts;** **- Banking Services:** **- e-banking: Types of digital payments**	**- Flow charts** **- Case studies** **- Mind maps** **- Application based questions**	**To develop understanding and analytical skills to identify different business services**

August	**16th Aug-30th Aug**	**10**	**7**	**Ch 4: Business Services**	**- Postal Services: Meaning & Utilities**	**- Demonstration method - Flow charts**	**Students will be able to: Understand the need and importance of Postal Services**
September	**2nd Sept-10th Sept**	**7**	**8**	**Ch 5 Emerging Modes of Business**	**- Meaning of e-business - Scope of e-business - Benefits of e-business - Difference b/w traditional business & e-business**	**- Flow charts - Mind maps - Mind maps - Quiz**	**Students will be able to: Develop application skills to differentiate b/w traditional and e-business To apply the knowledge acquired related to e-business**
September	**24th Sept-30th Sept**	**5**	**9**	**Project Work Revision**	**- Recapitulation - Group discussions**	**- Collection of related information**	**To enable critical thinking of students through individual doubt session. Quick recap of chapters**
October	**1st Oct-16th Oct**	**11**	**10**	**Ch 6 Social Responsibility of Business**	**- Concept; - Case for Social Responsibility; - Responsibility towards: Owners; Investors; Cons.; - Env. Protection & Ethics**	**- Flow charts - Group discussions**	**Students will be able to: Develop thinking skills to establish relationship between different groups of business**
October	**17th Oct-30th Oct**	**10**	**11**	**Ch 7 Sources of Business Finance**	**- Concept - Owner's Funds: Equity Shares; Preference Shares**	**- Flow charts - Mind maps - Case based questions**	**To develop understanding skills and application skills among students to categorize the sources of business finance**
November	**4th Nov-16th Nov**	**10**	**12**	**Ch 7 Sources of Business Finance**	**Owner's Funds: - Retained Earnings Borrowed Funds: - Debentures & Bonds; - Loans from Banks; - Loans from Fin. Institute**	**-Flow charts - Mind maps - Case based questions**	**To develop understanding skills and application skills among students to categorize the sources of borrowed funds**
November	**18th Nov-29th Nov**	**10**	**13**	**Ch 7 Sources of Business Finance**	**Borrowed Funds: - Public Deposits; - Trade Credit; - Inter Corporate Deposits**	**-Real life examples - Flow charts**	**Students will be able to: Enhance thinking skills to identify various sources of finance**

December	**10th Dec-19th Dec**	**8**	**14**	**Ch 8 Small Business & Enterprises**	**- Entrepreneurship Development: Concept; Need - Process - Start-up India Scheme - Ways to fund start-up**	**- Flow charts - HOTS - MCQs**	**Students will be able to: Develop understanding skills to identify the ways to fund start-ups To retain those ways through repetition method**
December	**20th Dec-31st Dec**	**7**	**15**	**Ch 8 Small Business & Enterprises**	**Small Scale Enterprises as per MSMED Act,2006 -Role of Small Business -Government Agencies**	**-Flow charts -Mind maps**	**Students will be able to: Identify the investment limits of SSE Recall the role played by Govt. agencies**
January	**8th Jan-20th Jan**	**9**	**16**	**Ch 9 Internal Trade**	**- Meaning - Types: Wholesalers & Retailers - Services of Wholesalers & Retailers - Types of Retail Trade: Itinerant & Small scale**	**- Flow charts - Case studies**	**Students will be able to: Create understanding and analytical skills to categorize the types of traders and their functions To identify the types of itinerant retailers through flow charts**
January	**21st Jan-31st Jan**	**9**	**17**	**Ch 9 Internal Trade**	**Large Scale Retailers - Departmental Stores: Concept - Chain Stores: Concept Goods & Services Tax: - Concept & Features**	**-Flow charts - Case studies**	**To develop understanding skills of students to: Differentiate between different large-scale retailers**
February	**3rd Feb-12th Feb**	**8**	**18**	**Ch 10 International Trade**	**- Concept & Benefits - Export Trade - Import Trade - Documents of International Trade - World Trade Org.**	**- Mind maps**	**Students will be able to: Identify and reciprocate the procedure of Export and Import trade and the related documents**
February	**13th Feb-21st Feb**	**8**	**19**	**Revision**	**Chapter-wise revision**	**-Chapter-wise discussion of questions for quick revision.**	**To clarify individual doubts of students and to practice important questions**

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***PRE-BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE : 11 **SUBJECT: MATHEMATICS** **TEXT BOOK : NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	15th April- 17th April	3	1	Chapter - linear inequalities .	*Graph of linear inequalities . *Word problems related to linear inequalities	*Draw the graph of linear inequalities on the single graph paper and find the common shaded region either by shading the area or by using different colours.	Students will be able to understand the common shaded area between more than two linear inequalities .
April and May	18th April- 3rd May	13	2	Chapter - Complex numbers and Quadratic equations.	*Argand diagram *standard for , modulus , conjugate and algebra of complex numbers *Iota's value *cube root and square root of a complex numbers . *solution of a quadratic equations whose roots are imaginary .	*Explain complex number in the form of an Argand Diagram .	Students will be able to identify the difference between real roots , imaginary roots by using the concept of complex numbers .
May	13th May- 17th May	5	3	Chapter - linear inequalities(revision) Chapter - Complex numbers and Quadratic equations(revision)	Recapitulation of the above said sub topics .	Recapitulation of the above said activities .	Students will get better understanding about the above taught chapters .

May **(X &XII)**	**22nd May-31st May**	**7**	**4**				
July	**1st July-15th July**	**12**	**5**	**Chapter - linear inequalities(revision)** **Chapter - Complex numbers and Quadratic equations(revision)**	**Recapitulation of the above said sub topics .**	***Recapitulation of the above said activities .**	***Students will get better understanding about the above taught chapters .**
July	**16th July-31st July**	**12**	**6**	**Chapter - Sets** **Chapter - Relations and functions**	***Sets , Subsets ,Venn diagram ,algebra of sets .** ***Ordered pairs** ***Cartesian Product** ***Meaning of Relation in a mathematical form** ***Meaning of function in a mathematical form .** ***Graphs of different functions**	***Different examples of sets for Venn diagram .** *** Graphs of different functions .**	**Students will be able to identify the graph of different functions in a real life situation**
August	**1st Aug-14th Aug**	**11**	**7**	**Chapter - Sequence and series**	**** G.P** ***AM and GM** **** Relationship between AM and GM**		**Students will be able to identify AP and GP and will get to know all methods related to these topics and will be able to apply their knowledge in different questions .**

August	**16th Aug-30th Aug**	**10**	**8**	**Chapter - 3D**	***Octants** ***Distance formula** ***Section formula**	*** Octants through you tube videos** *** Explanation of 3d through you tube videos**	**Student will get clear picture of 3D figures in daily life and correlate with 3D concepts (algebraically and Geometrically)**
September	**2nd Sept-10th Sept**	**7**	**9**	**Chapter - Statistics**	***Mean , Median and Mode of row data , grouped data .** *** Variance and Standard deviation of the given data**	***Find Mean , Median and Mode of the given data .** ***Find Variance and Standard deviation of the given data**	**It is an easy chapter and scoring so students will do questions very easily and can correlate with real life situations .**
September	**24th Sept-30th Sept**	**5**	**10**	**Chapter - Trigonometry**	***Relation between degree and radian** ***Trigonometric Functions** ***Graph of sinx , cosx , tanx** ***Trigonometry formulas**	**Graph of sinx , cosx , tanx .** ***Explanation of sinx cosx and tanx through you tube videos**	**Students will be able to identify graphs of sinx , cosx , tanx in real life situatoions .**
October	**1st Oct-16th Oct**	**11**	**11**	**Chapter - Trigonometry (contd……..)**	***Relation between degree and radian** ***Trigonometric Functions** ***Graph of sinx , cosx , tanx** ***Trigonometry formulas**	**Graph of sinx , cosx , tanx .** ***Explanation of sinx cosx and tanx through you tube videos**	**Students will be able to identify graphs of sinx , cosx , tanx in real life situatoions .**
October	**17th Oct-30th Oct**	**10**	**12**	**Chapter - Permutation and combination**	***Fundamental Principal of counting** ***Permutations when all the objects are distinct** ***Permutations when all the objects are not distinct** ***Combination**	**Make dictionary to find the number of words with or without meaning which can be made using all the letters of the word "AGAIN" if these words are written in a dictionary what will be the 50th word?**	**Students will be able to make different games for fates or parties by using permutation and combination methods ***

November	**4th Nov-16th Nov**	**10**	**13**	**Chapter - Binomial theorem**	***Pascal's triangle** ***Binomial theorem**	**To draw Pascal's triangle for $(a+b)^3$, $(a + b)^6$, $(a+b)^9$**	**Students will be able to correlate previous classes formulas with Pascal's triangle and will get an easy idea to solve maximum questions by using Pascal's triangle. At the end of the chapter they will feel very comfortable in opening all formulas related to powers .**
November	**18th Nov-29th Nov**	**10**	**14**	**Chapter -Probability**	***Events *Probability** ***Types of events** ***Algebra of events** ***Mutually exclusive events** ***Exhaustive evnets**	**Miscellaneous Ex. Q9 and Q10**	**Students will be able to correlate sets , permutation and combination with Probability chapter and will get clarity in solving all questions .**
December	**10th Dec-19th Dec**	**8**	**15**	**Chapter - Straight lines**	***Slopes** ***Equation of straight lines by using different methods .**	***Find the equations of straight lines by using different methods .** ***Verify above lines graphically also .**	**Students will get clarity about algebraically and geometrically of equations the straight lines.**
December	**20th Dec-31st Dec**	**7**	**16**	**Chapter - Straight lines (contd.....)**	***Slopes** ***Equation of straight lines by using different methods .**	***Find the equations of straight lines by using different methods .** ***Verify above lines graphically also .**	**Students will get clarity about algebraically and geometrically of equations the straight lines.**
January	**8th Jan-20th Jan**	**9**	**17**	**Chapter - Conic section**	***** Section of cones** ***Equation of circle , ellipse , hyperbola , parabola**	***Explanation of sections of cones by showing you tube videos on it .** ***Explanation of all types of parabolas , ellipse ,**	**Students will get clear difference between Parabolic figures , elliptical figures , hyperbolic figures and can correlate**

						hyperbola and parabola by using different examples .	**with real life situations .**
January	**21st Jan-31st Jan**	**9**	**18**	**Chapter - Limits and derivatives**	*** limits .** *** Derivatives by using different formulas and bu using ab-initio method**		**Students will be able to learn formulas to find the derivative of the questions .**
February	**3rd Feb-12th Feb**	**8**	**19**	**Revision**	**Revision**	**Revision**	**Revision**
February	**13th Feb-21st Feb**	**8**	**20**	**Revision**	**Revision**	**Revision**	**Revision**

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

UNIT TEST 1 : CLASS XI : 22ND JULY TO 26TH JULY

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA
PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: Computer Science** **TEXT BOOK : Preeti Arora**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April and May	15th April-17th April	3	1	CHAPTER 1- Computer system organization Simple programs in Python	•Basic components of a computer system •Secondary memory	-	- To enable the students to understand about the basic components like input unit and output unit
May	18th April-3rd May	13	1	CHAPTER 1- Computer system organization Simple programs in Python	•Basic components of a computer system •Secondary memory	i) Write a python script to add two numbers . ii) Write a python script to perform all mathematical operations in a single program	- To enable the students to understand about the basic components like input unit , output unit and various memory devices
May	13th May-17th May	5	2	CHAPTER 1- Computer system organization Simple programs in Python	•Software concepts	Write python script to i) find simple interest ii) find the area of rectangle iii) Write a program to read 3 numbers in 3 variables and swap the first variable with the sums of first and second and swap the	To enable the students to i) Know about various kinds of softwares ii) Understand about programming tools

						second variable with the sum of second and third variable.	
July	1st July-15th July	12	3	CHAPTER 3 – Getting started with Python	•About problem solving •Algorithm •Flowchart •Pseudocode •Basics of Python	Write algorithm , pseudocode and draw flowchart to i) Find area of rectangle ii) Find the greater of two numbers iii) Print numbers 1 to n, where the value of n is accepted from the user	Students will be able to i) Solve the programs with the help of algorithms , flowcharts and pseudocodes ii) Understand the interface of Python
July	16th July-31st July	12	4	CHAPTER 4 – Python programming fundamentals	•Variables •Expressions •Operators •Indentation •Debugging	Write python script to i) accept radius of a circle and prints its area. ii) input a student's marks in three subjects (out of 100) and prints the percentage marks. iii) to compute area of square and triangle.	Students will be able to i) know basics of Python ii) Perform programs following all rules practically
August	1st Aug-14th Aug	11	5	CHAPTER 5- Conditional and looping constructs		Write python script i) to enter a three digit number and print sum of all the digits of the number. ii)to enter a year and check whether it is Leap Year or not. iii)to enter three numbers and print the largest among them. iv)that checks whether a person is eligible to vote or not. v) to enter a number and print the sum of each digit if the number. vi) to enter a limit and print the sum of numbers till that limit. vii) to enter a number print the factorial of that number. viii)to enter x, n and print $x^{n.}$	The students will be i)able to write programs using conditional and looping constructs ii) able to understand the difference between for loop and while loop
August	16th Aug-30th Aug	10	6	CHAPTER 6- Strings in Python	•Traversing a string •Special string operations	Write Python program to	The students will be i) Able to understand string datatype in details

						i) count total number of characters and vowels in an input string. ii) a string and capitalize every other letter in a string. iii) a string and count the number of words in that string.	ii) Able to perform all functions like len(), upper(), lower(), find() etc.
September	2nd Sept-10th Sept	7	7	Revision for Mid-Term			To enable students to revise all the topics covered so far
September	24th Sept-30th Sept	5	8	CHAPTER 7- Lists in Python	•Types of lists •Built-in functions	Write a program * using function that takes a list 'L' as parameter , adds 5 in all the odd values of the list and then displays the list * perform any 5 built in functions in a list	The students will be able to write programs on lists
October	1st Oct-16th Oct	11	9	CHAPTER 8– Tuples and dictionaries	•About tuples and dictionaries •Common operations •Traversing	Write Python program to- • Print Largest and smallest element of a pre-defined tuple. • print the alternate elements of a tuple T. • create a phone dictionary for 5 students of class XI and print their Index values.	Students will be able to i) understand the meaning of stacks and dictionaries. ii) They will also be able to write programs using both these datatypes
October	17th Oct-30th Oct	10	10	CHAPTER 9 – Introduction to Python modules	•Importing Modules •Module and member aliasing •Standard built in Python modules	Write a program to • guess a number between 1 and 9. • Consider the set of height measurements(in feet) of students in a class • calculate the average height of students in the class and the median value using statistics module	The students will be able to establish connection between MYSQL and python so that they can be used as front end and back end

November	4th Nov-16th Nov	10	11	CHAPTER 10- Society, Laws and Ethics	•Digital footprints •Data protection •Licensing •Cybercrime	-	The students will be able to understand • the importance of data and saving of data. • Various Intellectual property rights would be discussed • The students will be made aware about various cyber crimes
November	18th Nov-29th Nov	10	12	CHAPTER 11- Cyber Safety	•Cyber crimes •Cyber forensics •Network security threats •E-waste management	-	The students will be able to understand • how to save themselves from various cybercrimes. • They will also be made aware about the importance of E -waste management
December	10th Dec-19th Dec	8	13	CHAPTER -2 Data Representation and Boolean logic	•Various number systems •Encoding of characters •Boolean Logic	•Convert one number system to another Q1-Q6, Page no -2.39	The students will be able to • Convert from one number system to another • Understand about various encoding schemes
December	20th Dec-31st Dec	7	14	CHAPTER -2 Data Representation and Boolean logic	•Truth Table •Logic circuit •De Morgan's Law	•Q10-Q13, ,Page No-2.42	The students will be able to draw circuit diagrams and write Truth tables.
January	8th Jan-20th Jan	9	15	Revision		---------	
January	21st Jan-31st Jan	9	16	Revision		Chapter/Topic-wise discussion clearing individual doubts	To make students revise the topics
February	3rd Feb-12th Feb	8	17	Revision		Chapter/Topic-wise discussion clearing individual doubts	To make students revise the topics.
February	13th Feb-21st Feb	8	18	Revision		Chapter/Topic-wise discussion clearing individual doubts	To make students revise the topics.

*UNIT TEST 1:
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

*MID TERM:
All classes-11th Sept to 23rd Sept.

*UNIT TEST 2:
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

*SECOND TERM:
Class X and XII- 29th Nov to 16th Dec

*PRE BOARD EXAMS:
Class X and XII- 8th Jan to 22nd Jan

*FINAL EXAMS:
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: 11 **SUBJECT: Chemistry** **TEXT BOOK : NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**15th April-17th April**	**03**	**1**	**CH 1-SOME BASIC CONCEPTS OF CHEMISTRY**	General Introduction: Importance and scope of Chemistry. Nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules.	**Quantitative estimation** . Preparation of standard solution of oxalic acid.	**Students will be able** • To Understand Dalton's atomic theory, which proposes that elements are composed of indivisible particles called atoms. • To Analyze the historical context and significance of Dalton's contributions to the development of modern atomic theory.
April and May	**18th April-3rd May**	**13**	**2**	**CH 1 – SOME BASIC CONCEPTS OF CHEMISTRY**	Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula	**Volumetric Analysis** Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.	• To make students with a foundational understanding of atomic and molecular masses, the mole concept, molar mass, percentage composition, and empirical and molecular formulas.

May	**13th May-17th May**	**5**	**3**	**CH 1 – SOME BASIC CONCEPTS OF CHEMISTRY**	chemical reactions, stoichiometry and calculations based on stoichiometry	Determination of strength of a given solution of Sodium carbonate by titrating it against standard solution of Hydrochloric acid.	• It emphasizes the students to have understanding of quantitative aspects of chemistry and the application of these concepts in stoichiometry, chemical analysis, and formula determination.
May **(X &XII)**	**22nd May-31st May**	**10**	**4**	**-**	**-**	-	**-**
July	**1st July-15th July**	**12**	**5**	**CH 2 – STRUCTURE OF ATOM**	Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars. Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations	To study Orbit, orbital and its importance Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator.	• To Identify different types of chemical reactions, including synthesis, decomposition, single displacement, double displacement, combustion, and acid-base reactions. • To Apply stoichiometric principles to calculate the amounts of reactants consumed and products formed in a chemical reaction.
July	**16th July-31st July**	**12**	**6**	**CH 2 – STRUCTURE OF ATOM**	concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals -	**Activity** 1. Cutting glass tube and glass rod 2. Bending a glass tube 3. Drawing out a glass jet	• To provide students with a comprehensive understanding of the fundamental principles of quantum mechanics and atomic structure, including

					Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals	4. Boring a cork	the concept of shells and subshells, dual nature of matter and light, quantum numbers, orbital shapes, and electron filling rules.
August	**1st Aug-14th Aug**	**11**	**7**	**CH 3 – CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES**	Significance of classification, brief history of the development of periodic table, modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100.	**Qualitative Analysis** 1. Determination of one anion and one cation in a given salt 2. Cations – NH_4^+ Anions – $(CO3)^{2-}$ S^{2-}, $(SO_3)^{2-}$, Cl^-, $CH3COO^-$	• To understand the significance of classification, the historical development of the periodic table, the modern periodic law, periodic trends in element properties, and the nomenclature of elements beyond atomic number 100.
August	**16th Aug-30th Aug**	**10**	**8**	**CH 4 – CHEMICAL BONDING**	Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules(qualitative idea only), Hydrogen bond.	To study the arrangement of electron pairs linear, trigonal planar, tetrahedral, trigonal-bipyramidal and octahedral, respectively	To help students to have understanding of chemical bonding, including ionic and covalent bonds, Lewis structures, resonance, molecular geometry, hybridization, and the molecular orbital theory. bonding and molecular structure.
September	**2nd Sept-10th Sept**	**9**	**9**	**REVISION**	Revision for midterm exam	Important concepts with question- answer discussion.	To build confidence and motivation in their learning journey. To reinforce understanding of the topics.
September	**24th Sept-30th Sept**	**5**	**10**	**CH 5 – CHEMICAL THERMODYNAMICS**	Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions.First law of thermodynamics -	**Qualitative Analysis** 1. Determination of one anion and	• To understand the concepts of system, surroundings, work, heat, energy, properties, state

					internal energy and enthalpy, heat capacity and specific heat, measurement of U and H, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution.	one cation in a given salt 2. Cations – Al^{3+} Zn^{2+},Ca^{2+}, $Ba^{2+,}$ Sr^{2+}	functions, and the first law of thermodynamics. .
October	**1st Oct-16th Oct**	**5**	**11**	**CH 5 – CHEMICAL THERMODYNAMICS**	Second law of Thermodynamics (brief introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium. Third law of thermodynamics (brief introduction).	To study effect of Temperatures on Spontaneity of Reactions	To understand the key concepts of the Second Law of Thermodynamics, entropy, Gibbs free energy, and the Third Law of Thermodynamics. They provide a foundation for understanding the directionality of natural processes, the criteria for equilibrium, and the behavior of systems at extreme conditions.
October	**17th Oct-30th Oct**	**7**	**12**	**CH 7 – REDOX REACTIONS**	Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number, applications of redox reactions.	To perform and study different types of chemical reactions: Combination reaction, Decomposition reaction , Displacement reaction,Double displacement reaction	• To make them able to identify and balance the half-reactions for oxidation and reduction separately, ensuring that the number of electrons gained equals the number of electrons lost. • To understand the importance of redox reactions in various chemical processes, including combustion, corrosion, metabolism, and electrochemistry.

November	**4th Nov-16th Nov**	**8**	**13**	**CH 8 - ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES**	General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation .	Purification of sample of a compound by crystallisation	To provide students with a foundational understanding of organic chemistry, including methods of purification, qualitative and quantitative analysis, classification, and IUPAC nomenclature of organic compounds, as well as electronic displacements in covalent bonds.
November	**18th Nov-29th Nov**	**8**	**14**	**CH 8 - ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES**	Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.	Determination of melting point of a solid organic compound Determination of boiling point of a liquid organic compound	To have understanding of homolytic and heterolytic fission of covalent bonds, free radicals, carbocations, carbanions, electrophiles, nucleophiles, and types of organic reactions..
December	**10th Dec-19th Dec**	**9**	**15**	**CH 9 - HYDROCARBONS**	Classification of Hydrocarbons Aliphatic Hydrocarbons: Alkanes - Nomenclature, isomerism, conformation (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition.	To Study conformational isomers structures of ethane	Students will be able to have knowledge of alkanes and alkenes, including their nomenclature, isomerism, conformation, physical properties, methods of preparation, and chemical reactions. They emphasize both theoretical concepts and practical applications, fostering critical thinking and problem-solving skills in the study of hydrocarbons.
December	**20th Dec-**	**9**	**16**	**CH 9 - HYDROCARBONS**	Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes,	To study the Resonance structures and	• To have Understanding of alkynes and aromatic hydrocarbons,

	31st Dec				addition reaction of - hydrogen, halogens, hydrogen halides and water. Aromatic Hydrocarbons: Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.	stability of benzene	including their nomenclature, structure, physical properties, methods of preparation, chemical reactions, and aromaticity.
January	**8th Jan-20th Jan**	**6**	**17**	**CH 6 - EQUILIBRIUM**	Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle	Study of shift in equilibrium in the reaction of ferric ions and thiocyanate ions	• Understanding of equilibrium in physical and chemical processes, the dynamic nature of equilibrium, the law of mass action, the equilibrium constant, and the factors affecting equilibrium, with a focus on Le Chatelier's principle. • To emphasize both theoretical concepts and practical applications, fostering critical thinking and problem-solving skills in the study of chemical equilibrium.
January	**21st Jan-31st Jan**	**6**	**18**	**CH 6 - EQUILIBRIUM**	ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, hydrolysis of salts (elementary idea), buffer solution, solubility product, common ion effect (with illustrative examples).	Study the shift in equilibrium between $[Co(H_2O)_6]^{2+}$ and chloride ions by changing the concentration of either of the ions.	• Understanding of ionic equilibrium, including the ionization of acids and bases, strong and weak electrolytes, degree of ionization, polybasic acids, acid

							strength, pH concept, hydrolysis of salts, buffer solutions, solubility product, and common ion effect. • To emphasize both theoretical concepts and practical applications, fostering critical thinking and problem-solving skills in the study of ionic equilibrium.
February	**3rd Feb-12th Feb**	**8**	**19**	**REVISION**	Revision and Sample Paper Practice	Sample paper solving and answer formation.	• to strengthen their understanding. • to address areas of weakness. to enhance exam preparedness. • to encourage active engagement.
February	**13th Feb-21st Feb**	**8**	**20**	**REVISION**	Revision and Sample Paper Practice	Sample paper solving and answer formation.	• to strengthen their understanding. • to address areas of weakness. to enhance exam preparedness. • to encourage active engagement.

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**

Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER

SESSION 2024-25

GRADE: XI **SUBJECT: PHYSICS** **TEXT BOOK : NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE :-
April	**15th April-17th April**	**3**	**1**	**Units and Measurements**	Need for measurement: Units of measurement; systems of units; SI units,.	**ACTIVITY :-**To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.	**1.** Identify the Need for measurement 2. Apply the concept of dimensions of physical quantities in numerical problems
April and May	**18th April-3rd May**	**13**	**2**	**Chapter -2** **Units and Measurements** **Chapter–3: Motion in a Straight Line**	fundamental and derived units. significant figures. Dimensions of physical quantities, dimensional analysis and its applications Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and nonuniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment).	**ACTIVITY :-**To determine mass of a given body using a metre scale by principle of moments.	1. Analyse the information from Position-time and Velocity-time graphs. 2. Draw Position-time and Velocity-time graphs for different types of motion. .
May	**13th May-17th May**	**5**	**3**	**Chapter–4: Motion in a Plane**	Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real	**ACTIVITY:-** To plot a graph for a given set of data, with proper choice of scales and error bars.	1. Explain the importance of VECTORS.

					number; addition and subtraction of vectors,	**PRACTICAL:-** To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume	**2.** Understand the triangle ,polygon and parallelogram laws of vectors..
May (X &XII)	**22nd May-31st May**	**7**	**4**			.	
July	**1st July-15th July**	**12**	**5**	**REVISION** **Chapter–4: Motion in a Plane** **Chapter–5: Laws of Motion**	**REVISION OF ALL THE CHAPTERS** **CH-2,3** Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors. Motion in a plane, cases of uniform velocity and uniform acceleration projectile motion, uniform circular motion. Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.	**PRACTICAL:-** To measure diameter of a given wire and thickness of a given sheet using screw gauge. **ACTIVITY:-** **1.** To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm. **2.** To determine mass of a given body using a metre scale by principle of moments. 2. To plot a graph for a given set of data, with proper choice of scales and error bars.	1. Understand the difference between balanced and unbalanced forces. 2. Understand the concept of force. 3. Understand the concept of inertia and its types.

July	**16th July-31st July**	**12**	**6**	**Chapter–5: Laws of Motion**	Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).	**PRACTICAL:-** To determine the radius of curvature of a given spherical surface by a spherometer.	1. Understand the keys of Newton's laws. 2. Formulate the Newton's second law of motion. 3. Understand the concept of momentum
August	**1st Aug-14th Aug**	**11**	**7**	**Chapter–6: Work, Energy and Power**	Work done by a constant force and a variable force; kinetic energy, work energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.	**PRACTICAL:-** To study the relationship between force of limiting friction and normal reaction and to find the co- efficient of friction between a block and a horizontal surface. **ACTIVITY:-** To measure the force of limiting friction for rolling of a roller on a horizontal plane.	1. Understand the concept of Scalar Product, Work Done By Constant Force And Variable Force. 2. State the work energy theorem. 3. Understand the concept of conservative and non conservative forces
August	**16th Aug-30th Aug**	**10**	**8**	**Chapter–7: System of Particles and Rotational Motion**	Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications.	**PRACTICAL:-** To find the downward force, along an inclined plane, acting on a roller due to the gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting a graph between force and Sinθ. **ACTIVITY:-** To study the variation in range of a projectile with angle of projection.	1. Understand the concept of centre of mass. 2. Understand concept of vector product of vectors. 3. Understand the concept of equilibrium.

September	**2nd Sept-10th Sept**	**7**	**9**	**Chapter–7: System of Particles and Rotational Motion** **MID TERM EXAM**	Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). **MID TERM EXAM REVISION**	**ACTIVITY:-** **1.**To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane). 2.To study dissipation of energy of a simple pendulum by plotting a graph between square of amplitude and time.	1. Understand the concept of torque, angular momentum. 2. State the theorem of parallel axes and perpendicular axes
September	**24th Sept-30th Sept**	**5**	**10**	**Chapter–8: Gravitation**	Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape speed, orbital velocity of a satellite.	**PRACTICAL:-** To determine Young's modulus of elasticity of the material of a given wire.	1. State the Newton's law of gravitation and Kepler's law of planetary motion. 2. Understand to differentiate gravity and gravitation

October	**1st Oct-16th Oct**	**11**	**11**	**Chapter–9: Mechanical Properties of Solids** **&** **Chapter–10: Mechanical Properties of Fluids**	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy. Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure.	**PRACTICAL:-** To determine the coefficient of viscosity of a given viscous liquid by measuring terminal velocity of a given spherical body.	1. Understand concept of Pressure of liquid, intermolecular forces. 2. State the Pascal's law and Hook's law, Stoke's law, Bernoulli's theorem.
October	**17th Oct-30th Oct**	**10**	**12**	**Chapter–10: Mechanical Properties of Fluids**	Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.	**PRACTICAL:-** To study the relationship between the temperature of a hot body and time by plotting a cooling curve.	1. Understand various parts of human bodies carries different blood pressure. 2. Understand why the cooking utensils are provided with wooden handles .
November	**4th Nov-16th Nov**	**10**	**13**	**Chapter–11: Thermal Properties of Matter**	Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law.	**PRACTICAL:-** To find the force constant of a helical spring by plotting a graph between load and extension.	1. Understand the concept thermal equilibrium 2. Understand the terms thermodynamic variables

November	**18th Nov-29th Nov**	**10**	**14**	Unit VIII: Thermodynamics **Chapter–12: Thermodynamics**	Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.	**ACTIVITY:-** 1. To observe change of state and plot a cooling curve for molten wax. 2. To observe and explain the effect of heating on a bi-metallic strip.	1. State Zeroth law, first law, second law, of thermodynamics 2. Understand the mechanism of carnot engine and heat engine. 3. Understand various process of thermodynamics
December	**10th Dec-19th Dec**	**8**	**15**	**Chapter–13: Kinetic Theory**	Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom,	**ACTIVITY:-** 1. To note the change in level of liquid in a container on heating and interpret the observations. 2. To study the effect of detergent on surface tension of water by observing capillary rise.	1. Define pressure and describe how gases exert pressure. 2. Understand the barometer and how it measures atmospheric pressure. 3. Convert between units of gas pressure.
December	**20th Dec-31st Dec**	**7**	**16**	**Chapter–13: Kinetic Theory** **Chapter–14: Oscillations**	law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number. Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications.	**ACTIVITY:-** To study the factors affecting the rate of loss of heat of a liquid.	1. Apply the concept of specific heat in solving numerical. 2. Understand the concept of Periodic motion

January	**8th Jan-20th Jan**	**9**	**17**	**Chapter–14: Oscillations**	Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period.	**ACTIVITY:-** To observe the decrease in pressure with increase in velocity of a fluid.	**1.** Understand the terms time period, frequency, displacement as a function of time . **2.** Understand the Free, forced and damped oscillations
January	**21st Jan-31st Jan**	**9**	**18**	**Chapter–15: Waves**	Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats.	**ACTIVITY:-** To study the effect of load on depression of a suitably clamped metre scale loaded at (i) its end (ii) in the middle.	1. Understand Wave motion. Transverse and longitudinal waves, speed of wave motion. Displacement relation of waves, standing 2. Understand Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental.
February	**3rd Feb-12th Feb**	**8**	**19**	**REVISION AND DOUBTS SESSION**	**REVISION AND DOUBTS SESSION FROM SAMPLE PAPERS**	REVISION	Remember the important facts, figures, topics and methodologies
February	**13th Feb-21st Feb**	**8**	**20**	**REVISION AND DOUBTS SESSION**	**REVISION AND DOUBTS SESSION FROM SAMPLE PAPERS**	REVISION	Assess and gauge knowledge, practice and apply knowledge in the questions.

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**

Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA
PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: Biology** **TEXT BOOK : NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**15th April-17th April**	**3**	**1**	Cell: Structure and Function	Cell-The Unit of Life Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells.	PRACTICAL: To study the parts of a compound microscope.	• **Students will be able:** • to equip students with the knowledge, skills, and confidence to use microscopes effectively in scientific inquiry. • to deepen understanding of cellular structure, function, and dynamics.
April and May	**18th April-3rd May**	**13**	**2**	Cell: Structure and Function	Plant cell and animal cell, cell envelope; cell membrane, cell wall Cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles. mitochondria, ribosomes, plastids,	PRACTICAL: To study the parts of a compound microscope. PRACTICAL: Exploring Cell Structure and Function Through Microscopy	• to have hands-on experience to explore the structure and function of cells using microscopy

					microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.		
May	**13th May- 17th May**	**5**	**3**	Cell: Structure and Function	**Biomolecules**: Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action.	PRACTICAL: Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.	• to identify the presence of specific biomolecules, including sugars, starches, proteins, and fats, in plant and animal materials
May (X &XII)	**22nd May- 31st May**	**7**	**4**				
July	**1st July- 15th July**	**12**	**5**	Cell: Structure and Function	Cell Cycle and Cell Division: Cell cycle, mitosis, meiosis and their significance	PRACTICAL:Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides Art Integrated Activity Prepare Mitosis and Meiosis Cards Using Beautiful colours and creativity to show crossingover, terminalisation of chaismata, chromosomes moving over spindle fibers.	• To identify different stages of cell cycle in mitosis permanent slides and understand their significance. • To comprehend the new terms and process of cell division. • To understand the steps and phases of Mitosis and Meiosis
July	**16th July-**	**12**	**6**	**Diversity of Living Organisms**	Biological Classification: Five kingdom	PRACTICAL:Specimens/slides/models and identification with reasons - Bacteria,	• **to** classify organisms, phenomenon and processes, based on

	31st July				classification; Salient features and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids.	Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen. PRACTICAL:Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb).	certain characteristics / salient features systematically in more scientific and organized manner; such as five kingdom classification system of organisms. • To develop idea about primitive cell and the advanced organisms evolved
August	**1st Aug-14th Aug**	**11**	**7**	**Diversity of Living Organisms**	Plant Kingdom: Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae	ACTIVITY: Virtual specimens/slides/models and identifying features of - Amoeba, Hydra,liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit.	• To analyse the types of biodiversity in kingdom Plantae.
August	**16th Aug-30th Aug**	**10**	**8**	**Diversity of Living Organisms** **Human Physiology** Breathing and Exchange of Gases	**Animal Kingdom:** Salient features and classification of animals, non-chordates up to phyla level and chordates up to class level. Respiratory organs in animals (recall only); Respiratory system in humans;	ART INTEGRATED ACTIVITY. Prepare a power point presentation on Biodiversity.	• To analyse the types of biodiversity in kingdom Animalia and to make a record. • To comprehend the mechanism of breathing,

					mechanism of breathing and its regulation in humans - exchange of gases		
September	**2nd Sept-10th Sept**	**7**	**9**	**Human Physiology** Breathing and Exchange of Gases **MID-TERM EXAM** **(REVISION)**	Transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders. **MID-TERM EXAM** **(REVISION)**	ACTIVITY: Drawing various cycles and discussion about enzyme mediated processes.	• To correlate the structure of the parts of the human respiratory system to its functions.
September	**24th Sept-30th Sept**	**5**	**10**	**Human Physiology** Excretory Products and their Elimination	Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders -	ACTIVITY : Title: "The Kidney Adventure: Exploring Excretory System Function" Materials needed: Model of the human excretory system (optional) Interactive diagrams or animations illustrating kidney anatomy and function	• to experience interactive and hands-on experience to understand the process of excretion, the role of the excretory system, and the mechanisms of waste elimination in the human body.

					uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.		
October	**1st Oct-16th Oct**	**11**	**11**	**Human Physiology** Locomotion and Movement	Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout	Human skeleton and different types of joints with the help of virtual images/models only.	• to deepen understanding of skeletal anatomy, joint function, and biomechanics while promoting digital literacy and interdisciplinary learning.
October	**17th Oct-30th Oct**	**10**	**12**	**Human Physiology** Neural Control and Coordination	Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse	ACTIVITY : Title: "The Brain Game: Exploring Neural Control and Coordination" Model of the human brain and nervous system (optional) Demonstration materials (e.g., reflex hammer, sensory objects) Worksheets or activity guides Visual aids (e.g., diagrams, charts) Videos or animations illustrating neural processes Sensory stimuli (e.g., scents, textures)	• to explore the anatomy of the human brain, including major regions such as the cerebrum, cerebellum, and brainstem. • to illustrate neural control and coordination in response to sensory stimuli.

November	**4th Nov-16th Nov**	**10**	**13**	**Human Physiology** Chemical Coordination and Integration	Endocrine glands and hormones; human endocrine system - hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goitre, diabetes, Addison's disease.	ACTIVITY: Title: "Hormone Havoc: Exploring Chemical Coordination and Integration" Prepare visual aids and worksheets illustrating hormone action and receptor binding.	• to explore the complexities of chemical coordination and integration, fostering a deeper understanding of the endocrine system and its role in maintaining internal balance and responding to environmental challenges.
November	**18th Nov-29th Nov**	**10**	**14**	**Plant Physiology** Photosynthesis in Higher Plants	Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylatio	Study of distribution of stomata on the upper and lower surfaces of leaves. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves	• To relates processes and phenomena with causes and effects.

					n; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis		
December	**10th Dec-19th Dec**	**8**	**15**	**Plant Physiology** **Respiration in Plants**	Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.	Separation of plant pigments through paper chromatography	• To understand the chromatography principle • To explore the plant pigments. • to gain insight into fundamental metabolic processes, understand plant physiological responses to environmental cues.
December	**20th Dec-31st Dec**	**7**	**16**	**Plant Physiology** **Plant growth and development**	Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; plant growth regulators - auxin, gibberellin,	ACTIVITY : Title: "Journey of a Seed: Exploring Plant Growth and Development"	• to engage and have experiential opportunity to explore plant growth and development firsthand, fostering curiosity and critical thinking. • to observe and document the emergence of seedlings, cotyledon development, and early root and shoot growth using magnifying glasses or hand lenses.

					cytokinin, ethylene, ABA.		
January	**8th Jan-20th Jan**	**9**	**17**	**Structural Organization in Plants and Animals**: Morphology of flowering plants Anatomy of flowering plants	Morphology of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit and seed. Description of family Solanaceae. Anatomy and functions of tissue systems in dicots and monocots.	Different types of inflorescence (cymose and racemose). Preparation and study of T.S. of dicot and monocot roots and stems (primary).	• To draw labelled diagrams, flow charts, concept maps, and floral diagrams, such as, floral diagrams of given flowers, parts of flowers.
January	**21st Jan-31st Jan**	**9**	**18**	**Structural Organisation in Animals**	Morphology, Anatomy and functions of different systems (digestive, circulatory,respiratory, nervous and reproductive) of frog.	ACTIVITY: To prepare flash and present individual system of frog and explain its anatomy and physiology.	• To explain efficiently systems, relationships, processes and phenomena
February	**3rd Feb-12th Feb**	**8**	**19**	**Diversity of Organism** **Cell structure and function** **Human Physiology**	**FINAL EXAM (REVISION)**	Important concepts with question- answer discussion. Practice diagrams and flow charts for quick notes and revision.	• to build confidence and motivation in their learning journey. • To reinforce understanding of the topics.
February	**13th Feb-21st Feb**	**8**	**20**	**Plant Physiology** **Cell structure and function** **Structural Organization in**	**FINAL EXAM (REVISION)**	Sample paper solving and answer formation.	• to strengthen their understanding • to address areas of weakness, to enhance exam preparedness • to encourage active engagement.

				Plants and Animals			

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER
SESSION 2024-25

GRADE: XI **SUBJECT: INFORMATICS PRACTICES** **TEXT BOOK : I.P. BY SUMITA ARORA**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**3rd April-17thApril**	**3**	**1**	UNIT 1: Introduction to Computer System	• Introduction to computer and	• Power point presentation.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will know and memorize the term Hardware and software . • Students can identify hardware and software • Students will able to differentiate between input and output devices .
April and May	**18thApril -3rd May**	**13**	**2**	Introduction to Computer System CONTD….	• primary and secondary, • Data deletion, its recovery and • related security concerns. • Software: purpose and types – • System and application software, • generic and specific purpose • software		**STUDENTS WILL BE ABLE TO LEARN…..** •Student can identify and differentiate primary and secondary memory. • Students will understand different measurement units of computer's memory. • Students will understand different kinds of software . • Students will understand and compare interpreter and compilers. • Students will understand the significance of OS and its role in computer.

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
May	**13th May-17th May**	**5**	**3**	**UNIT 2:** Basics of Python -1	• Introduction to problem • solving: • Steps for problem solving • (analyzing the problem, • developing an algorithm, • coding, testing and • debugging). representation • of algorithms using flow • chart and pseudo code, • decomposition • Basics of Python • programming: • Introduction to Python, • Features of Python, • Executing a simple "hello	• Power point • presentation. • Detailed discussion • Practical aspects.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will understand problem- and problem-solving techniques in software development. • Students will know the different phases of problem solving . • Students will learn how to write algorithm and draw flow of chart to make a good software . • Students will understand Python and its significance • Students will learn how to install python and write python program. • Students will know and run the python programs in interactive and script mode.
May (X &XII)	**22nd May-31st May**	**7**	**4**				
July	**1st July-15th July**	**12**	**5**	**UNIT 2:** Basics of Python -1	• world" program, • Execution modes: • interactive mode and script • mode • Python character set, • Python tokens (keyword, • identifier, literal,	• Quiz in Google form • Demonstration python • program which • include variable , literals and operators	**STUDENTS WILL BE ABLE TO LEARN…..** • Students will understand how to read values from keyboard using input( ). • Students will understand how to show values on monitor using

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
					operator, • punctuator), variables, • concept of l-value and Rvalue, • use of comments		print( ). • Student will understand different tokens of python. • Students will understand naming rules of identifiers in python • Students will understand the importance of operators in python program • Student will able to know and memorize the basics of python. • Student will able to understand the structure of python program. • Student will able to create and identify valid identifiers. • Students will understand concept of L and R value in Python. • Understand the necessity of comments in python.
July	**16th July-31st July**	**12**	**6**	UNIT 3 : Basics of python-2	• Knowledge of data types: • number (integer, floating point, • complex), Boolean, sequence • (string, list, tuple), none, mapping • (dictionary), mutable and • immutable data types • Operators: arithmetic operators, • relational operators, logical • operators, assignment operator, • augmented assignment operators,	• Output based question asked in the class . • Identify the errors in the program will discuss in the class.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will understand significance of data type and its different types in python . • Students will know how multiple values can be stored using list , tuple and dictionary. • Students will understand different operators and its application in python . • Student will able to differentiate Expression , Statement in python • Understand difference between mutable and immutable data types.

MONTH	DATES	WOR KING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
					• identity operators(is, is not), • membership operators(in, not in) • Expressions, statement, type		• Student will understand Type conversion and can compare implicit and explicit type casting
August	**1st Aug-14th Aug**	**11**	**7**	UNIT 3 : Basics of python-2 CONTD….	• conversion & input/output: • precedence of operators, expression, • evaluation of expression, python • statement, • Type conversion • (explicit & implicit conversion), • Accepting data as input from the • console and displaying output • Errors: syntax errors, logical errors, runtime errors	• Asked one word question during Class.	**STUDENTS WILL BE ABLE TO LEARN…..** • Student will understand and will apply different operators as per situation in a python program. • Students will know different kinds of error. • Students will able to identify and correct the errors in a program
August	**16th Aug-30th Aug**	**10**	**8**	**UNIT 4 :** Flow of Control	• Flow of control: • introduction, use of indentation, • sequential flow • conditional flow	• Practical aspects. • Quiz in Google form • Demonstration of if • else and loops in LAB. • Discussion of board • problems. • Output based problems will asked	**STUDENTS WILL BE ABLE TO LEARN…..** • Students will know how the execution of • statements in a program can be controlled • by the programmer . • Student will able to understand •

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
						in class • Asked one word question during class	
September	**2nd Sept-10th Sept**	**7**	**9**	**UNIT 4 :** Flow of Control CONTD…	• iterative flow control • Conditional statements: if, if-else, • if-elf-else, flowcharts • Iterative statements: for loop, range function,	• Practical aspects. • Quiz in Google form • Demonstration of if • else and loops in LAB. • Discussion of board problems. • Output based problems will asked in class • Asked one word question during class	**STUDENTS WILL BE ABLE TO LEARN…..** • significance of conditional statement and will apply -if else in python program.. • Students will able to identify different parts of loop.
September	**24th Sept-30th Sept**	**5**	**10**	**UNIT 7 :** Database Concepts	Database Concepts: Introduction to database concepts and its need, Database Management System. • Relational data model: Concept of • domain, tuple, relation, candidate key, • primary key, alternate key Advantages	• Detailed discussion Practical aspects. • Quiz in Google form	**STUDENTS WILL BE ABLE TO LEARN…..** Student will understand and memorize advantages and Need of the database . • Student will able to understand different terms used in RDBMS • Student will able to differentiate between Candidate key & Alternate key Foreign key & Primary key • Student will able to understand different data types of MYSQL and can select best data type for a column at

MONTH	DATES	WOR KING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
							the time of table creation. • Student will able to understand and memorize various
October	**1st Oct-16th Oct**	**11**	**11**	**UNIT 7 :** Database Concepts	• of using Structured Query Language, • Data Definition Language, Data Query • Language and Data Manipulation • Language, Introduction to MySQL, • creating a database using MySQL, • Data Types Data Definition: CREATE • TABLE Data Query: SELECT, • FROM, WHERE. Data Manipulation: • INSERT.	• Demonstration of various SQL commands • Practice SQL Commands.	**STUDENTS WILL BE ABLE TO LEARN…..** MY SQL Commands. • Students will understand and be able to run various DDL and DML commands . • Student will able to apply correct SELECT command on a table to get desired result. • Students will able to differentiate between DDL and DML Command Alter table and UPDATE command
October	**17th Oct-30thOct**	**10**	**12**	**UNIT 5 :** Python Lists	• Lists: • Introduction, indexing, • List operations: • concatenation, repetition,	• Detailed discussion Practical aspects. • Quiz in Google form • Demonstration lists and its function in LAB. • Discussion of board problems.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will to understand and memorize basics of lists. • Students will understand backward and forward index in the lists. • Students will able to create a list in
November	**4th Nov-16thNov**	**10**	**13**	**UNIT 5 :** Python Lists **CONTD…**	• membership & slicing • Traversing a list using loops • Built-in functions: • len(), list(), append(),	• Detailed discussion Practical aspects. • Quiz in Google form	**STUDENTS WILL BE ABLE TO LEARN…..** python and can select and display data

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
					extend(),	• Demonstration lists and its function in LAB. • Discussion of board problems.	of list. • Students will understand and create nested list • Students will understand the different operation on the lists .
November	**18th Nov-29th Nov**	**10**	**14**	**UNIT 5 :** Python Lists CONTD…	• insert(), count(), index(), remove(), • pop(), reverse(), sort(), sorted(), • min(), max(), sum(); • Nested lists	• Detailed discussion Practical aspects. • Quiz in Google form • Demonstration lists and its function in LAB. • Discussion of board problems.	**STUDENTS WILL BE ABLE TO LEARN…..** • Students will able to extract subpart of list using slicing. • Students will understand different methods for traversal in List. • Students will learn about different inbuilt function of lists.
December	**10th Dec-19th Dec**	**8**	**15**	**UNIT 5 :** Python Lists CONTD…	• Dictionary: introduction, • accessing items in a • dictionary using keys, • mutability of dictionary • (adding a new item, • modifying an existing item), • traversing a dictionary, builtin • functions: len(), dict(), • keys(), values(), items(),	• Detailed discussion Practical aspects. • Quiz in Google form • Demonstration dictionary and its function in LAB.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will to understand and memorize basics of dictionary . • Students will understand how data is stored in dictionary in form KEY : VALUE • Students will understand difference between list and dictionary. • Students will able to create a Dictionary in python and can select and display data using key.
December	**20th Dec-31st Dec**	**7**	**16**	UNIT 6 : Python Dictionary	• get(), update(), del, clear(), • fromkeys(), copy(),	• Detailed discussion Practical aspects.	**STUDENTS WILL BE ABLE TO**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
				CONTD….	pop(), • popitem(), setdefault(), • max(), min(), count(), • sorted(), copy();	• Quiz in Google form • Demonstration dictionary and its function in LAB.	**LEARN…..** • Students will know a new data can be added in a dictionary . • Students will understand different methods for traversal in dictionary. • Students will learn about different inbuilt function of dictionary.
January	**8th Jan-20th Jan**	**9**	**17**	UNIT 8 : Introduction to the Emerging Trends	• Artificial Intelligence, Machine • Learning, Natural Language • Processing, Immersive experience • (AR, VR), Robotics, Big data and its	• Detailed discussion Practical aspects. • Quiz in Google form • Demonstration dictionary and its function in LAB.	**STUDENTS WILL BE ABLE TO LEARN…..** Students will know and memorize the terms AI, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics. • Students will aware about the ability of learning of machines from statistical data and users behavior. • Students will know about the predictive typing feature of search engine (NLP)
January	**21stJan-31st Jan**	**9**	**18**	UNIT 8 : Introduction to the Emerging Trends CONTD….	• characteristics, Internet of Things • (IoT), Sensors, Smart cities, Cloud • Computing and Cloud Services • (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	• Detailed discussion Practical aspects. • Quiz in Google form • Demonstration dictionary and its function in LAB.	**STUDENTS WILL BE ABLE TO LEARN…..** • Students will aware about Cloud computing and cloud services. • Students will understand the term big data and its significance. • Students will aware about cloud and

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
							cloud services. • Students will understand the terms Grid computing and Block chain technology.
February	**3rd Feb-12th Feb**	**8**	**19**		**REVISION**		
February	**13th Feb-21st Feb**	**8**	**20**		**REVISION (FOR FINAL TERM EXAMS)**		**STUDENTS WILL BE ABLE TO LEARN THE PATTERN OF QUESTIONS FOR FINAL TERM EXAMS.**

- ***UNIT TEST 1:**
- **Class VI-X and XII – 4th May to 10th May**
- **Class III to V- 6th May to 10th May**

- ***MID TERM:**
- **All classes-11th Sept to 23rd Sept.**

- ***UNIT TEST 2:**
- **Class III-V and XI- 2nd Dec to 7th Dec**
- **Class VI to IX- 2nd Dec to 9th Dec**

- ***SECOND TERM:**
- **Class X and XII- 29th Nov to 16th Dec**

- ***PRE BOARD EXAMS:**
- **Class X and XII- 8th Jan to 22nd Jan**

- ***FINAL EXAMS:**
- **All classes except X and XII - 24th Feb onwards**

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER

SESSION 2024-25

GRADE: XI **SUBJECT: PHYSICAL EDUCATION** **TEXT BOOK: NCERT**

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April	**15th April-17thApril**	**3**	**1**	Changing Trends and Career in Physical Education	**Carrier option** **Changing trends** **Khelo India Program**	Meaning and definition of physical education. Aims and objective of physical education. Career options in physical education. Competitions of various at national and international level. Khelo India program. Indian Olympic association	It gives student a certain feeling of control and make them more confident in their approach. The world is changing and education must change along with it competitions of various at national and international level.
April and May	**18thApril-3rd May**	**13**	**2**	Olympic Value Education	**Olympism** **Ancient and modern Olympic** **Olympic structure**	Olympics, Paralympics and special Olympics. Olympic symbols, ideals, objectives and value of Olympism. International Olympic committee	It is about Olympic games and its rule and regulation symbols, ideals, objective and value of Olympism.
May	**13th May-17th May**	**5**	**3**	**Yoga**	**Kriyas** **lifestyle**	Meaning and importance of yoga.	Student will be able to

						Elements of yoga. Introduction to-asanas, pranayama, meditations and yogic kriyas. Yoga for concentration and related asanas. Relaxation techniques for improving concentration yoga nidra	Explain the competitions of various at national and international level.
May **(X &XII)**	**22nd May-31st May**	**7**	**4**	Physical Education and Sports For CWSN	Disability Disorder Adaptive physical education	Concept of disability and disorder. Types of disability, its causes and nature. Types of disorder its causes and nature. Disability etiquettes. Advantages of physical actives for children with special need. Strategies to make physical activity accessible for children with special needs.	Students will be able to Different types of disorder its causes and nature.
July	**1st July-15th July**	**12**	**5**	Physical fitness, wellness and lifestyle.	Wellness Traditional games First aid	Meaning and importance of physical fitness, wellness and lifestyle Components of physical fitness and well ness. Components of health-related fitness.	Explain the aim and objectives of adaptive physical education. Student learns how to be fit and make a good and healthy life-style

						Aims and objectives of adaptive physical education. Organization promoting adaptive sports. Concept of inclusion, its need and implementation. Role of various professionals for children with special needs-counsellor, pet, special educator.	
July	**16th July-31st July**	**12**	**6**	Test, Measurement and Evaluation	**Test measurement and evaluation** **BMI & WHR** **Somatotypes**	Define test, measurement and evaluation. Importance of test, measurement and evaluation in sports. Calculation of BMI & WHR Measurement of health-related fitness.	Student will be able to Define Test.
August	**1st Aug-14th Aug**	**11**	**7**	Fundamentals of Anatomy and Physiology in Sports	**Anatomy and physiology** **Bones and joints**	Definition and importance of anatomy, physiology and kinesiology. Functions of skeleton system. Classification of bones and type of joints. Functions of muscles and properties. functions and structure of respiratory system and circulatory system.	Student will be able to Explain the functions of skeleton system.

						Equilibrium- dynamic and static, center of gravity and its applications in sports.	
August	**16th Aug-30th Aug**	**10**	**8**	**Fundamentals of kinesiology and biomechanics in sports**	**Bio mechanics** **Body type** **Axis and plane**	Importance of kinesiology Principal of biomechanics Types of body movement	**Understand and improves body types**
September	**2nd Sept-10th Sept**	**7**	**9**	**Psychology and sports**		Importance of psychology Adolescent problem and their management Attention, Resilience, mental toughness	**Students know about what is the important of psychology and adolescent problem**
September	**24th Sept-30th Sept**	**5**	**10**	Training in Sports	**Sports training** **Training load** **Doping**	Strength/endurance/speed/ flexibility- definition, types and method for improvement. Coordinative abilities- definition and types Circuit training- introduction and importance	Student will be able to Explain types and method for improvement.

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards

GURU NANAK PUBLIC SCHOOL, PITAMPURA

PEDAGOGICAL PLANNER

SESSION 2024-25

GRADE: XI , SUBJECT PUNJABI , TEXT BOOK :Lazmi Punjabi 11 (P.S.S.B)

MONTH	DATES	WORKING DAYS	UNIT	CONTENT/TOPIC	SUB-TOPIC	SUBJECT ENRICHMENT ACTIVITY/ PROJECT	LEARNING OBJECTIVE
April and May	15 th April-17 April	**3**	**1**	ਪਾਠ ਪੁਸਤਕਾਂ ਅਤੇ ਪ੍ਰੋਜੈਕਟ ਤੇ ਭਰਪੂਰ ਚਰਚਾ	ਸਿਲੇਬਸ ,ਪਾਠ -ਪੁਸਤਕਾਂ ਪ੍ਰੋਜੈਕਟ ਦੇ ਵੱਖ- ਵੱਖ ਵਿਸ਼ੇ	ਸਮੂਹਕ ਚਰਚਾ	ਸਿਲੇਬਸ ਅਤੇ ਪਾਠ- ਪੁਸਤਕਾਂ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਸ ਗੱਲ ਦੀ ਸੋਝੀ ਹੋਵੇਗੀ ਕਿ ਉਹਨਾਂ ਨੇ ਆਪਣੇ ਪ੍ਰੋਜੈਕਟ ਲਈ ਕਿਹੜੇ ਵਿਸ਼ਿਆਂ ਦੀ ਚੋਣ ਕਰਨੀ ਹੈ
April and May	**18th April-3rd May**	**13**	**2**	**1.**ਲੋਕ ਗੀਤਾਂ: ਸੁਹਾਗ *ਚੜ ਚੁਬਾਰੇ ਸੁੱਤਿਆ, * ਬੇਟੀ ਚੰਨਣ ਦੇ ਉਹਲੇ, *ਦੇਈ ਦੇਈ ਵੇ ਬਾਬਲਾ, *ਅੱਸੂ ਦਾ ਕਾਜ ਰਚਾ , ਹਰੀਏ ਨੀ ਰਸ ਭਰੀਏ ., *ਨੀਵੇਂ ਪਹਾੜਾਂ ਤੇ ਪਰਬਤ *ਸਾਡਾ ਚਿੜੀਆਂ ਦਾ ਚੰਬਾ *ਨਿੱਕੀ ਜਿਹੀ ਸੂਈ ਵੱਟਵਾ ਧਾਗਾ । **2.**ਲੋਕ ਗੀਤਾ:ਘੋੜੀਆਂ- *ਹਰਿਆ ਨੀ ਮਾਲਣ *ਮੈਂ ਬਲਿਹਾਰੀ ਵੇ ਮਾਂ ਦਿਆ ਸੁਰਜਣਾ * ਮੱਥੇ ਤੇ ਚਮਕਣ ਵਾਲ , *ਨਿੱਕੀ ਨਿੱਕੀ ਬੂੰਦੀ * ਸਤਿਗੁਰਾਂ ਕਾਜ ਸਵਾਰਿਆ ਈ।	**1.**ਸੁਹਾਗ ਦਾ ਅਰਥ, ਸ਼ਬਦ -ਅਰਥ ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੇ ਗਏ ਸੁਹਾਗਾਂ ਦੀ ਭਰਪੂਰ ਵਿਆਖਿਆ । **2.**ਘੋੜੀਆਂ ਦਾ ਅਰਥ ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀਆਂ ਗਈਆਂ ਘੋੜੀਆਂ ਦੀ ਭਰਪੂਰ ਵਿਆਖਿਆ ਅਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ।	**1.** ਸੁਹਾਗ ਨਾਲ ਸੰਬੰਧਿਤ ਚਿੱਤਰ ਜਿਵੇਂ , ਲਾੜੀ ਦੇ ਕੱਪੜੇ, ਉਸਦੇ ਹਾਰ ਸ਼ਿੰਗਾਰ, ਮਹਿੰਦੀ ਦੀ ਰਸਮ, ਹਲਦੀ ਦੀ ਰਸਮ ਆਦਿ ਕਾਪੀ ਵਿੱਚ ਲਗਵਾਏ ਜਾਣਗੇ 2ਲਾੜੇ ਦੇ ਪਹਿਰਾਵੇ ਘੋੜੀ ,ਸਿਹਰਾ, ਮਹਿੰਦੀ, ਘੋੜੀ ਆਦਿ ਰਸਮਾਂ ਦੇ ਚਿੱਤਰ ਕਾਪੀ ਵਿੱਚ ਲਗਾਏ ਜਾਣਗੇ।	* ਪੰਜਾਬੀ ਲੋਕਯਾਨ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ। * ਪਰਿਵਾਰ ਵਿੱਚ ਗਾਏ ਜਾਣ ਵਾਲੇ ਲੋਕ ਗੀਤਾਂ ਵਿੱਚ ਵਿਦਿਆਰਥੀ ਵੱਧ ਚੜ ਕੇ ਹਿੱਸਾ ਲੈਣਗੇ। * ਸ਼ਬਦ -ਭੰਡਾਰ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। * ਰਿਸ਼ਤਾ ਨਾਤਾ ਪ੍ਰਣਾਲੀ ਨਾਲ ਗੂੜੀ ਸਾਂਝ ਪਵੇਗੀ **2.** ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਨਾਲ ਡੂੰਘੀ ਸਾਂਝ ਪਵੇਗੀ । ਇਸਤਰੀ ਦੇ ਮਨੋਭਾਵਾਂ, ਉਸ ਦੀ ਮਨੋ ਦਸ਼ਾ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ।

May	**13th May-17th**	**5**	**3**	**1.**ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ **2.** ਸਮਾਜਿਕ ਵਿਸ਼ੇ ਤੇ ਲੇਖ	**1.**ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਦਾ ਖਾਕਾ:ਆਰੰਭਕ ਭਾਗ ,ਮੱਧ ਭਾਗ ਅਤੇ ਅੰਤਲਾ ਭਾਗ । **2.** ਸਾਡੀਆਂ ਸਮਾਜਿਕ ਕੁਰੀਤੀਆਂ ਲੇਖ: ਦਾਜ ਪਥਾ ,ਦਾਜ ਪ੍ਰਥਾ, ਭਰੂਣ ਹੱਤਿਆ, ਬਾਲ ਵਿਆਹ, ਮੰਗਤਿਆਂ ਦੀ ਸਮੱਸਿਆ ਆਦਿ ਬਾਰੇ ਚਰਚਾ, ਉਹਨਾਂ ਦੇ ਕਾਰਨ ਅਤੇ ਸਮੱਸਿਆ ਨੂੰ ਹੱਲ ਕਰਨ ਬਾਰੇ ਵਿਚਾਰ।	1.ਵੱਖ ਵੱਖ ਵਿਸ਼ੇ ਤੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖਵਾਏ ਜਾਣ ਲਈ ਜਮਾਤ ਵਿੱਚ ਚਰਚਾ ਕੀਤੀ ਜਾਵੇਗੀ। 2. ਦਾਜ ਪ੍ਰਥਾ ,ਭਰੂਣ ਹੱਤਿਆ, ਵਿਹਾ ਮੰਗਤਿਆਂ ਦੀ ਸਮੱਸਿਆ ਆਦਿ ਆਦਿ ਨਾਲ ਸੰਬੰਧਿਤ ਤਸਵੀਰਾਂ ਇਕੱਠੀਆਂ ਕਰਕੇ ਕਾਪੀ ਵਿੱਚ ਲਗਾਉਣੀਆਂ ਅਤੇ ਭਰਪੁਰ ਚਰਚਾ ਕਰਨੀ।	**1.** ਵਿਦਿਆਰਥੀ ਨੂੰ ਅਖਬਾਰਾਂ ਵਿੱਚ ਰੁਚੀ ਪੈਦਾ ਹੋਵੇਗੀ। ਭਾਸ਼ਾ ਤੇ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ । ਸਮਾਜ ,ਰਾਸ਼ਟਰ ਅਤੇ ਅੰਤਰਰਾਸ਼ਟਰੀ ਮੁੱਦਿਆਂ ਤੇ ਆਪਣੇ ਵਿਚਾਰ ਅਤੇ ਸੁਝਾਵ ਪ੍ਰਗਟ ਕਰਨ ਵਿੱਚ ਮਾਹਿਰ ਹੋਣਗੇ। **2.**ਸਾਡੀਆਂ ਸਮਾਜਿਕ ਕੁਰੀਤੀਆਂ :ਵਿਸ਼ੇ ਦੇ ਵਿਚ, ਵੱਖ-ਵੱਖ ਲੇਖਾਂ ਦੇ ਕਈ ਵਿਸ਼ੇ, ਇਸ ਲੇਖ ਵਿੱਚ ਜੁੜੇ ਹੋਏ ਹਨ ।ਵਿਦਿਆਰਥੀ ਨੂੰ ਅਨੇਕਾਂ ਵਿਸ਼ਿਆਂ ਦਾ ਭਰਪੂਰ ਗਿਆਨ ਪ੍ਰਾਪਤ ਹੋਵੇਗਾ ।ਸਮਾਜਿਕ ਸਮੱਸਿਆਵਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ, ਉਨਾਂ ਦੇ ਕਾਰਨਾਂ ਦਾ ਹੱਲ ਪਤਾ ਲਗੇਗਾ ਅਤੇ ਸਮੱਸਿਆਵਾਂ ਨਾਲ ਨਜਿੱਠਣ ਦੀ ਸੋਝੀ ਪੈਦਾ ਹੋਵੇਗੀ । ਵਿਦਿਆਰਥੀ ਜਿੰਮੇਵਾਰ ਨਾਗਰਿਕ ਬਣਨਗੇ।
July	**1st July-15th July**	**12**	**4**	**1** ਲੋਕ ਗੀਤਾਂ: ਬੋਲੀਆਂ	**1** ਬੋਲੀਆਂ ਕੀ ਹੁੰਦੀਆਂ ਹਨ ? ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੀਆਂ ਗਈਆਂ ਬੋਲੀਆਂ ਦੀ ਭਰਪੂਰ ਵਿਆਖਿਆ ਅਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ। * ਸਾਡੇ ਪਿੰਡ ਦੇ ਮੁੰਡੇ ਵੇਖ ਲਓ * ਪਿੰਡ ਤਾਂ ਸਾਡੇ *ਪਿੰਡ ਤਾਂ ਸਾਡੇ ਪਿੰਡਾਂ ਵਿੱਚੋਂ ਪਿੰਡ ਸੁਣੀਦਾ * ਕਾਲਿਆ ਹਰਨਾ	1. *ਵਿਦਿਆਰਥੀ ਆਪਣੀ ਪਸੰਦ ਦੀਆਂ ਬੋਲੀਆਂ ਜਮਾਤ ਵਿੱਚ ਸੁਣਾਉਣਗੇ । * ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਉਤਸਾਹਿਤ ਕੀਤਾ ਜਾਵੇਗਾ ਕਿ ਉਹ ਸਕੂਲ ਵਿੱਚ ਹੋਣ ਵਾਲੇ ਸਾਹਿਤਕ ਪ੍ਰੋਗਰਾਮਾਂ ਵਿੱਚ ਆਪਣੀ ਜਮਾਤ ਦਾ ਸਮੂਹ ਬਣਾ ਕੇ ਬੋਲੀਆਂ ਪਾਉਣ।	**1.** ਪੰਜਾਬੀ ਲੋਕਯਾਨ ਦੀ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ ।ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਵਿਚਲੇ ਖਾਣ -ਪੀਣ ,ਉੱਠਣ- ਬੈਠਣ, ਰਹਿਣੀ -ਸਹਿਣੀ , ਸ਼ਿੰਗਾਰ , ਗਹਿਣਿਆਂ ਰਸਮਾਂ -ਰੀਤਾਂ ,ਗੀਤਾਂ, ਲੋਕ ਨਾਚ, ਰਿਸ਼ਤਿਆਂ ਦੀ ਨਿੱਘ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ।

				2 ਮੁਹਾਵਰੇ ਅਰਥ ਸਪਸ਼ਟ ਕਰਦੇ ਹੋਏ ਵਾਕ ਬਣਾਉਣਾ । 3.ਅਣਡਿੱਠੇ ਪੈਰੇ ਵਿੱਚੋਂ ਪ੍ਰਸ਼ਨ -ਉੱਤਰ	*ਸੁਣ ਨੀ ਕੁੜੀਏ *ਮਹਿੰਦੀ ਮਹਿੰਦੀ ਹਰ ਕੋਈ ਕਹਿੰਦਾ *ਦੇਸ਼ ਮੇਰੇ ਦੇ ਬਾਕੇ ਗੱਭਰੂ *ਤਾਰਾਂ -ਤਾਰਾਂ-ਤਾਰਾਂ 2 .ਮੁਹਾਵਰੇ :ਅਰਥ ਅਤੇ ਵਾਕ 3.ਅਣਡਿੱਠੇ ਪੈਰੇ ਦੇ ਆਧਾਰ ਤੇ ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ/ ਬਹੁ ਵਿਕਲਕੀ ਉਤਰਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣ ਕੇ ਲਿਖਣਾ ਤੇ ਢੁਕਵਾਂ ਸਿਰਲੇਖ ਲਿਖਣਾ।	2. ਜਮਾਤ ਵਿੱਚ ਸਮੂਹ ਬਣਾਏ ਜਾਣਗੇ ਇੱਕ ਸਮੂਹ ਮੁਹਾਵਰਾ ਦੂਜਾ ਅਰਥ ਅਤੇ ਤੀਜਾ ਵਾਕ ਬਣਾਏਗਾ ਇਸ ਤਰ੍ਹਾਂ ਇਹ ‘ਖੇਡ- ਵਿਧੀ ‘ ਹਰ ਸਮੂਹ ਵਿੱਚ ਦੁਹਰਾਈ ਜਾਵੇਗੀ । 3.ਅਭਿਆਸ ਲਈ ਪੈਰੇ ਦਿੱਤੇ ਜਾਣਗੇ ।ਵਿਦਿਆਰਥੀ ਉਸਨੂੰ ਪੜ੍ਹਨਗੇ ਅਤੇਪ੍ਰਸ਼ਨ ਉੱਤਰ/ ਬਹੁ ਵਿਕਲਕੀ ਉਤਰਾਂ ਵਿੱਚੋਂ ਸਹੀ ਉੱਤਰ ਚੁਣ ਕੇ ਲਿਖਣਗੇ ਅਤੇ ਢੁਕਵਾਂ ਸਿਰਲੇਖ ਵੀ ਲਿਖਣਗੇ	**2.** ਸਹੀ ਸਮੇਂ ਤੇ ਸਹੀ ਮੁਹਾਵਰੇ ਪ੍ਰਯੋਗ ਕਰਨ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ ਅਤੇ ਭਾਸ਼ਾ ਤੇ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ। **3.**ਪੜਨ ਕੌਸ਼ਲ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ ਕਲਪਨਾ ਸ਼ਕਤੀ ਵਿੱਚ
July	।**6th July-31st July**	**12**	**5**	**1.** ਲੋਕ ਗੀਤਾਂ: ਢੋਲਾ	**1.**ਢੋਲਾ ਕੀ ਹੁੰਦਾ ਹੈ ਪਾਠ ਪੁਸਤਕ ਵਿੱਚ ਦਿੱਤੇ ਗਏ ਢੋਲਿਆਂ ਦੀ ਭਰਪੂਰ ਵਿਆਖਿਆ ਅਤੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ । *ਕੰਨਾਂ ਨੂੰ ਸੋਹਣੇ ਬੁੰਦੇ * ਬੁੱਤ ਬਣੋਟਿਆ *ਉਬੇ ਦੇ ਬੱਦਲ *ਮੀਆਂ ਰਾਂਝਾ	1. ਜਮਾਤ ਵਿੱਚ ਸਮੂਹ ਬਣਾ ਕੇ ਢੋਲੇ ਗਾਏ ਜਾਣਗੇ ।	**1.**ਪੰਜਾਬੀ ਲੋਕਯਾਨ ਦੀ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ ।ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਵਿਚਲੇ ਖਾਣ -ਪੀਣ ,ਉੱਠਣ- ਬੈਠਣ, ਰਹਿਣੀ -ਸਹਿਣੀ , ਸ਼ਿੰਗਾਰ , ਗਹਿਣਿਆਂ, ਰਸਮਾਂ -ਰੀਤਾਂ ,ਗੀਤਾਂ, ਲੋਕ ਨਾਚ, ਰਿਸ਼ਤਿਆਂ ਦੀ ਨਿੱਘ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ।

					* ਕੈਲੀਆਂ ਤੇ ਕਾਲੀਆਂ ਮੱਝਾਂ		
				2. ਅੰਗਰੇਜੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ :ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ	**2.**ਆਮ ਤੌਰ ਤੇ ਇਸਤੇਮਾਲ ਹੋਣ ਵਾਲੀ ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ	2. ਦਫਤਰਾਂ ਵਿੱਚ ਇਸਤੇਮਾਲ ਹੋਣ ਵਾਲੀ ਆਮ ਸ਼ਬਦਾਵਲੀ ਦਾ ਅਭਿਆਸ ਕੀਤਾ ਜਾਵੇਗਾ ਅਤੇ ਸਬੰਧਤ ਚਿੱਤਰ ਕਾਪੀ ਵਿੱਚ ਲਗਾਏ ਜਾਣਗੇ ।	**2.** ਵਿਹਾਰਕ ਵਿਆਕਰਨ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ।
				3.ਦੰਦ ਕਥਾ: ਪੂਰਨ ਭਗਤ ,ਰਾਜਾ ਰਸਾਲੂ, ਦੁੱਲਾ ਭੱਟੀ	**3.**ਦੰਤ ਕਥਾ ਕੀ ਹੁੰਦੀ ਹੈ? ਦਿੱਤੀਆਂ ਗਈਆਂ ਦੰਤ ਕਥਾਵਾਂ ਦੇ ਅਰਥ। ਪ੍ਰਸ਼ਨ ਉੱਤਰ	3.ਦੰਤ ਕਥਾ ਦਾ ਅਰਥ ਸਮਝਾਇਆ ਜਾਵੇਗਾ ਪੂਰਨ ਭਗਤ ਅਤੇ ਰਾਜਾ ਰਸਾਲੂ ਦੀ ਕਹਾਣੀ ਦਾ ਪਿਛੋਕੜ ਵੀ ਦੱਸਿਆ ਜਾਵੇਗਾ ਸੰਬੰਧਤ ਯੂ ਟਿਊਬ ਦੇ ਲਿੰਕ ਭੇਜੇ ਜਾਣਗੇ।	**3.**ਪੰਜਾਬੀ ਲੋਕ ਕਥਾਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਹੋਵੇਗੀ ।ਪੰਜਾਬੀ ਸਾਹਿਤ ਨਾਲ ਸਾਂਝ ਗੂੜੀ ਹੋਵੇਗੀ। * ਨੈਤਿਕ ਕਦਰਾਂ- ਕੀਮਤਾਂ ਵਿਚ ਵਾਧਾ ਹੋਵੇਗਾ।
August	**1st Aug-14th Aug**	**11**	**6**	**1.** ਇਸ਼ਤਿਹਾਰ	**1.**ਇਸ਼ਤਿਆਰ ਦਾ ਮਹੱਤਵ, ਇਸ਼ਕਤਿਹਾਰ ਦਾ ਖਾਕ ਜਿਸ ਵਿੱਚ :ਸਿਰਲੇਖ ,ਸੂਚਨਾ , ਸਥਾਨ ,ਪਤਾ ਆਦਿ ਹੋਵੇਗਾ	1. ਵਿਦਿਆਰਥੀ ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਦੇ ਇਸ਼ਤਿਹਾਰ ਬਣਾ ਕੇ ਕਾਪੀ ਵਿੱਚ ।ਲਗਾਉਣਗੇ	1. ਵਿਦਿਆਰਥੀ ਵਿੱਚ ਰਚਨਾਤਮਕ ਵਿਕਾਸ ਹੋਵੇਗਾ । ਭਵਿੱਖ ਵਿੱਚ ਇਸ਼ਤਿਹਾਰ ਬਣਾਉਣ ਦੀ ਕਲਾ ਅਤੇ ਕਿੱਤੇ ਨਾਲ ਵੀ ਜੁੜਿਆ ਜਾ ਸਕਦਾ ਹੈ।
				2. ਸਦਾ ਪੱਤਰ	**2.** ਸੱਦਾ ਪੱਤਰ ਦਾ ਸਿਰਲੇਖ ਅਤੇ ਸੰਪੂਰਨ ਢਾਂਚਾ ।	2 ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਸੱਦਾ ਪੱਤਰ ਤਿਆਰ ਕਰਵਾਏ ਜਾਣਗੇ।	**2.** ਸਮਾਜਿਕ ਸਾਂਝ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। ਲਿਖਣ -ਕੌਸ਼ਲ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ।
				3 ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਸ਼ਬਦਾਵਲੀ ਦਾ ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ	**3.** ,ਦੁਕਾਨਾਂ ,ਬਾਜ਼ਾਰਾਂ ਰੋਜ ਦੇ ਜੀਵਨ ਆਦਿ ਵਿੱਚ ਇਸਤੇਮਾਲ ਹੋਣ ਵਾਲੇ ਅੰਗਰੇਜ਼ੀ ਦੇ	3. ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਟੀਮਾਂ ਬਣਾਈਆਂ ਜਾਏਗੀਆਂ। ਅੰਗਰੇਜ਼ੀ ਦਾ ਸ਼ਬਦ ਦੇ ਕੇ ਉਤਰ ਪੁੱਛਿਆ ਜਾਵੇਗਾ।	**3.** ਸ਼ਬਦਾਵਲੀ ਅਨੁਵਾਦ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ,ਪੰਜਾਬੀ ਵਿਸ਼ੇ ਨੂੰ ਸ਼ੁੱਧ ਰੂਪ ਨਾਲ ਪੜਨ -ਲਿਖਣ ਵਿੱਚ ਸਮਰੱਥ ਹੋਣਗੇ । ਵਿਦਿਆਰਥੀ ਦੇ, ਹਿੰਦੀ ਅਤੇ ਪੰਜਾਬੀ

					ਸ਼ਬਦਾਂ ਦਾ ਪੰਜਾਬੀ ਅਨੁਵਾਦ।	ਸਭ ਤੋਂ ਵੱਧ ਸਹੀ ਉੱਤਰ ਦੇਣ ਵਾਲੀ ਟੀਮ , ਜੇਤੂ ਟੀਮ ਹੋਵੇਗੀ ।	ਦੋਹਾਂ ਭਾਸ਼ਾ ਦੇ ਸ਼ਬਦ ਕੋਸ਼ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ ।
August	**16th Aug-30th Aug**	**10**	**7**	**1.**ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ :ਬੈਂਕ ,ਰੇਲਵੇ ਅਤੇ ਡਾਕ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ । **2.**ਪੜਨ , ਸੁਣਨ ਅਤੇ ਲਿਖਣ ਕੌਸ਼ਲ ਦਾ ਅਭਿਆਸ ਅਤੇ ਮੁਲਾਂਕਣ ।	**1.** ਬੈਂਕ ,ਰੇਲਵੇ ਅਤੇ ਡਾਕ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ। **2.** ਲੇਖਾਂ ਦੇ ਵੱਖ ਵੱਖ ਵਿਸ਼ੇ, ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਭਾਸ਼ਣ, ਕਹਾਣੀਆਂ ਦੇ ਆਧਾਰ ਤੇ ਪ੍ਰਸ਼ਨ -ਉੱਤਰ।	1.ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਟੀਮਾਂ ਬਣਾਈਆਂ ਜਾਏਗੀਆਂ। ਅੰਗਰੇਜ਼ੀ ਦਾ ਸ਼ਬਦ ਦੇ ਕੇ ਉਤਰ ਪੁੱਛਿਆ ਜਾਵੇਗਾ। ਸਭ ਤੋਂ ਵੱਧ ਸਹੀ ਉੱਤਰ ਦੇਣ ਵਾਲੀ ਟੀਮ , ਜੇਤੂ ਟੀਮ ਹੋਵੇਗੀ । 2. ਲੇਖ ਲਿਖਣ ਲਈ ਦਿੱਤੇ ਜਾਣਗੇ ,ਭਾਸ਼ਣ ਸੁਣੇ ਜਾਣਗੇ ਅਤੇ ਕਹਾਣੀਆਂ ਵਿੱਚੋਂ ਪ੍ਰਸ਼ਨ -ਉੱਤਰ ਪੁੱਛੇ । ਕਹਾਣੀਆਂ ਲਈ ਯੂ.ਟੀਉਬ ਦੇ ਲਿੰਕ ਭੇਜੇ ਜਾਣਗੇ ।	**1.**ਵਿਦਿਆਰਥੀ ਵੱਖ- ਵੱਖ ਸੇਵਾਵਾਂ ਦੇ ਅੰਗਰੇਜ਼ੀ ਵਾਕਾਂ ਦੇ , ਪੰਜਾਬੀ ਰੂਪ ਚੰਗੀ ਤਰ੍ਹਾਂ ਸਮਝਣ ਅਤੇ ਇਸ ਨੂੰ ਲਿਖਣ ਦੇ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰੇਗਾ । ਪੰਜਾਬੀ ਦੇ ਸ਼ਬਦ -ਜੋੜਾਂ ਨੂੰ ਸ਼ੁੱਧ ਰੂਪ ਵਿੱਚ ਲਿਖ ਸਕੇਗਾ । **2.** ਲਿਖਣ, ਸੁਣਨ ,ਬੋਲਣ -ਕੌਸ਼ਲ ਵਿੱਚ ਵਾਧਾ। ਪਾਠ ਪੁਸਤਕਾਂ ਤੋਂ ਇਲਾਵਾ ਹੋਰ ਪੁਸਤਕਾਂ -ਰਸਾਲਿਆਂ ਅਤੇ ਇੰਟਰਨੈਟ ਤੇ ਦਿੱਤੀਆਂ ਸਿੱਖਿਆਦਾਇਕ ਕਹਾਣੀਆਂ ਨੂੰ ਪੜ੍ਹਨ ਦਾ ਸ਼ੌਕ ਪੈਦਾ ਹੋਣਾ ।
September	**2nd Sept-10th Sept**	**7**	**8**	ਜਮਾਤ ਪ੍ਰੀਖਿਆ :ਲੇਖ ਰਚਨਾ	ਸਮਾਜਿਕ , ਸੱਭਿਆਚਾਰਕ ਅਤੇ ਮਨੋਰੰਜਨ ਵਿਸ਼ੇ ।	ਜਮਾਤ ਵਿੱਚ ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਭਰਪੁਰ ਚਰਚਾ ਕੀਤੀ ਜਾਵੇਗੀ	ਵਿਦਿਆਰਥੀ ਦੇ ਆਤਮ ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। ਸੋਚਣ ਅਤੇ ਲਿਖਣ ਕੌਸ਼ਲ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। ਆਪਣੇ ਵਿਚਾਰਾਂ ਨੂੰ ਸਾਂਝਾ ਕਰਨ ਦੀ ਕਲਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।ਸੋਚੇ ਅਨੁਸਾਰ ਸਮਾਜ ਵਿੱਚ ਸੁਧਾਰ ਕਰਨ ਦਾ ਜਜ਼ਬਾ ਪੈਦਾ ਹੋਵੇਗਾ ।ਬੁੱਧੀ ਨੂੰ ਵਿਕਸਿਤ ਕਰਨ ਵਿੱਚ ਨਿਪੁੰਨ ਹੋਵੇਗਾ ।
September	**24th Sept-30th Sept**	**5**	**9**	**1.** ਇਸ਼ਤਿਹਾਰ, **2.**ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ	**1** ਇਮਸ਼ਤਿਹਾਰ ਦਾ ਖਾਕਾ ਤਿਆਰ ਕਰਨਾ। ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰਨਾ । **. 2.**ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਦਾ ਖਾਕਾ:ਆਰੰਭਕ ਭਾਗ ,ਮੱਧ ਭਾਗ ਅਤੇ ਅੰਤਲਾ ਭਾਗ ।	1. ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵੱਖ-ਵੱਖ ਵਿਸ਼ੇ ਦਿੱਤੇ ਜਾਣਗੇ ਅਤੇ ਰਸਾਲਿਆਂ ਤੋਂ ਇੰਟਰਨੈਟ ਤੋਂ ਪੰਜਾਬੀ ਦੇ ਇਸ਼ਤਿਹਾਰ ਕਾਪੀ ਵਿੱਚ ਲਗਾਉਣ ਨੂੰ ਦਿੱਤੇ ਜਾਣਗੇ । 2.ਵੱਖ ਵੱਖ ਵਿਸ਼ੇ ਤੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖਵਾਏ ਜਾਣ ਲਈ ਜਮਾਤ ਵਿੱਚ ਚਰਚਾ ਕੀਤੀ ਜਾਵੇਗੀ।	**1.**ਭਵਿੱਖ ਵਿੱਚ ਇਸ਼ਤਿਹਾਰ ਲਿਖਣ ਦੀ ਕਲਾ ਨੂੰ ਕਿੱਤਾ ਬਣਾਇਆ ਜਾ ਸਕਦਾ ਹੈ। **2.**ਵਿਦਿਆਰਥੀ ਨੂੰ ਅਖਬਾਰਾਂ ਵਿੱਚ ਰੁਚੀ ਪੈਦਾ ਹੋਵੇਗੀ। ਭਾਸ਼ਾ ਤੇ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ ।

October	**1st Oct-16th Oct**	**11**	**10**	ਪ੍ਰੀਤ ਕਥਾਵਾਂ : ਹੀਰ ਰਾਂਝਾ ਮਿਰਜਾ ਸਾਹਿਬਾ।	ਪ੍ਰੀਤ ਕਥਾ: ਹੀਰ ਰਾਂਝਾ ਦੀ ਭਰਪੂਰ ਵਿਆਖਿਆ ਅਤੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ।	ਇੰਟਰਨੇਟ ਤੋਂ ਹੀਰ- ਰਾਂਝਾ ਦੀ ਕਹਾਣੀ ਤੇ ਅਧਾਰਤ ਫਿਲਮ ਦਾ ਲਿੰਕ ਬੱਚਿਆਂ ਨੂੰ ਵਟਸਐਪ ਤੇ ਭੇਜਿਆ ਜਾਵੇਗਾ ।	*ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ *ਸਾਹਿਤ ਪ੍ਰਤੀ ਰੁਚੀ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।
October	**17th Oct-30th Oct**	**10**	**11**	ਲੋਕ ਗੀਤਾਂ : ਸਿੱਠਣੀਆਂ	ਕੁੜੀ ਤੇ ਮੁੰਡੇ ਦੇ ਵਿਆਹ ਤੇ ਗਾਏ ਜਾਣ ਵਾਲੀਆਂ ਸਿੱਠਣੀਆਂ ਦੇ ਸ਼ਬਦ-ਅਰਥ , ਸਾਰ ਅਤੇ ਉਹਨਾਂ ਦੇ ਛੋਟੇ ਵੱਡੇ ਪ੍ਰਸ਼ਨ- ਉੱਤਰ।	ਵਿਆਹ ਤੇ ਗਾਈਆਂ ਜਾਣ ਵਾਲੀਆਂ ਸਿੱਠਣੀਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਚੀਜ਼ਾਂ ਵਿਖਾਈਆਂ ਜਾਣਗੀਆਂ । ਯੂ. ਟਿਊਬ ਤੇ ਸੰਬੰਧਿਤ ਸਮਗਰੀ ਵਿਖਾਈ ਜਾਵੇਗੀ।	*ਆਪਸੀ ਭਾਈਚਾਰੇ ਦੀ ਸਾਂਝ ਅਤੇ ਰਿਸ਼ਤਿਆਂ ਦੀ ਸਾਂਝ ਦੀ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ ।* ਪੰਜਾਬੀ ਲੋਕਯਾਨ ਬਾਰੇ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ।
November	**4th Nov-16th Nov**	**10**	**12**	ਲੋਕ ਗੀਤਾਂ: ਟੱਪਾ	ਪੰਜਾਬੀ ਜਨ ਜੀਵਨ ਵਿੱਚ ਗਾਏ ਜਾਣ ਵਾਲੇ ਟੱਪਿਆਂ ਦੇ ਸ਼ਬਦ ਅਰਥ ਸਾਰ ਅਤੇ ਉਹਨਾਂ ਦੇ ਛੋਟੇ ਵੱਡੇ ਪ੍ਰਸ਼ਨ- ਉੱਤਰ	ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਵਿੱਚ ਗਾਏ ਜਾਣ ਵਾਲੇ ਟੱਪਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਚੀਜ਼ਾਂ ਵੀ ਵਿਖਾਈਆਂ ਜਾਣਗੀਆਂ। ਯੂ .ਟਿਊਬ ਤੇ ਸੰਬੰਧਿਤ ਸਮਗਰੀ ਵੀ ਵਿਖਾਈ ਜਾਵੇਗੀ	*ਵਿਦਿਆਰਥੀ ਨੂੰ ਜਾਣਕਾਰੀ ਮਿਲੇਗੀ ਕਿ ਕਈ ਟੱਪੇ ਅਖਾਣਾਂ ਜਾਂ ਵਿਸ਼ੇਸ਼ ਤੁਕਾ ਦੀ ਤਰ੍ਹਾਂ ਵੱਖ-ਵੱਖ ਸਥਿਤੀਆਂ ਵਿੱਚ ਜ਼ਿਕਰ ਯੋਗ ਵੀ ਹੁੰਦੇ ਹਨ । *ਟੱਪਿਆਂ ਵਿਚਲੀ ਲੋਕ ਨੀਤੀਆਂ ਰਿਸ਼ਤਿਆਂ ਦਾ ਤਣਾਅ, ਲੋਕ ਸਿਆਣਪ, ਜੀਵਨ ਦੀ ਆਰਥਿਕਤਾ ਅਤੇ ਕੁਦਰਤ ਦੀਆਂ ਖੂਬਸੂਰਤੀਆਂ ਅਤੇ ਪੰਜਾਬੀ ਲੋਕਯਾਨ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ।
November	**18th Nov-29th Nov**	**10**	**13**	**1.**ਦੰਦ ਕਥਾਵਾਂ *ਪੂਰਨ ਭਗਤ *ਰਾਜਾ ਰਸਾਲੂ **2.**ਮੁਹਾਵਰੇ	**1.** *ਪੂਰਨ ਭਗਤ *ਰਾਜਾ ਰਸਾਲੂ **2.** ਮੁਹਾਵਰੇ, ਅਰਥ ਅਤੇ ਵਾਕ ।	1. ਦੰਦ ਕਥਾਵਾਂ ਦਾ ਪਿਛੋਕੜ ਸਮਝਾਇਆ ਜਾਵੇਗਾ । ਯੂ.ਟੀਊਬ ਦੇ ਸਬੰਧਤ ਲਿੰਕ ਵੀ ਭੇਜੇ ਜਾਣਗੇ । 2. ਕੁਝ ਵਿਦਿਆਰਥੀ ਘਰੋਂ ਮੁਹਾਵਰੇ ਅਤੇ ਕੁਝ ਵਿਦਿਆਰਥੀ ਅਰਥਾਂ ਦੀਆਂ ਲਿਖਤ ਪੱਟੀਆਂ ਤਿਆਰ ਕਰਕੇ ਲਿਆਉਣਗੇ ।ਜਮਾਤ ਵਿੱਚ ਮੁਹਾਵਰਿਆਂ ਦੇ ਸਹੀ ਅਰਥ ਨਾਲ ਮੇਚਾ ਕਰਵਾਇਆ ਜਾਵੇਗਾ ਅਤੇ ਵਾਕ ਬਣਵਾਏ ਜਾਣਗੇ ।	**1.** *ਵਿਦਿਆਰਥੀ ਵਿੱਚ ਕਲਪਨਾਵਾਂ, ਭਾਵਾਂ, ਵਿਸ਼ਵਾਸਾਂ ਅਤੇ ਆਦਰਸ਼ਾਂ ਦੀ ਭਾਵਨਾ ਗੂੜ੍ਹੀ ਹੋਵੇਗੀ । * ਨਾਇਕ-ਨਾਇਕਾ ਦੇ ਜੀਵਨ ਤੋਂ ਭਰਪੂਰ ਜੀਵਨ ਸ਼ਕਤੀ, ਜੀਵਨ ਪ੍ਰੇਮ, ਸੰਜਮ, ਹੌਸਲੇ, ਅਣਖ ਅਤੇ ਬਹਾਦਰੀ ਜੇ ਗੁਣਾਂ ਦੀ ਪ੍ਰੇਰਨਾ ਮਿਲੇਗੀ । **2.** ਵਿਦਿਆਰਥੀ ਭਾਸ਼ਾ ਦਾ ਸ਼ਿੰਗਾਰ ਕਰਨ ਵਿੱਚ ਸਮਰੱਥ ਹੋ ਸਕਣਗੇ। ਉਚਿਤ ਮੌਕੇ ਤੇ ਉਚਿਤ ਮੁਹਾਵਰੇ ਦੇ ਪ੍ਰਯੋਗ ਨਾਲ ਪੰਜਾਬੀ ਲੋਕਵਯਾਨ ਦਾ ਗਿਆਨ ਵੀ ਮਿਲੇਗਾ।

December	**10th Dec-19th Dec**	**8**	**14**	**1.**ਲੋਕ ਗੀਤਾਂ : ਮਾਹੀਆ **2.** ਬੁਝਾਰਤਾਂ	**1** ਮਾਹੀਏ ਦੇ ਸ਼ਬਦ-ਅਰਥ, ਵਿਆਖਿਆ ਅਤੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ । **2.** ਸ਼ਬਦਾਂ ਦੇ ਅਰਥ ਅਤੇ ਪ੍ਰਸ਼ਨ -ਉੱਤਰ ।	ਮਾਹੀਏ ਜਮਾਤ ਵਿੱਚ ਗਾਏ ਜਾਣਗੇ ।ਸੰਬੰਧਤ ਚਿੱਤਰ ਕਾਪੀ ਵਿੱਚ ਲਗਾਏ ਜਾਣਗੇ । 2. ਵਿੱਚ ਵੱਖ-ਵੱਖ ਟੀਮਾਂ ਬਣਾ ਕੇ ਬੁਝਾਰਤਾਂ ਪੁੱਛੀਆਂ ਜਾਣਗੀਆਂ।	**1.** ਮਾਹੀਏ ਜੀ ਪਹਿਲੀ ਤੁੱਕ ਵਿੱਚ ਕਿਸੇ ਦੇ ਮਨ ਦੀ ਭੁੱਖ ,ਇੱਛਾ ਜਾਂ ਮਨੋਬਿਰਤੀ ਦਾ ਮਨੋ ਭਾਵ , ਉਛਾਲ, ਵੇਦਨਾ ਜਾਂ ਹੁਲਾਸ ,ਸੰਜਮ ਆਦਿ ਭਾਵ ਪ੍ਰਗਟ ਹੁੰਦੇ ਹਨ ਇਸਦੇ ਅਧਿਅਨ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀ ਨੂੰ ਪ੍ਰੇਮ ਭਾਵਾਂ ਦੀਆਂ ਨਿੱਕੀਆਂ -ਨਿੱਕੀਆਂ ਛੋਹਾਂ ਬਾਰੇ ਅਤੇ ਜਾਣਕਾਰੀ ਦੇ ਨਾਲ -ਨਾਲ ਮਨੋਵਿਗਿਆਨ ਨਾਲ ਵੀ ਸਾਂਝ ਪਵੇਗੀ । **2.**ਵਿਦਿਆਰਥੀ ਵਿੱਚ ਸੂਝ ਬੂਝ ਅਤੇ ਦਿਮਾਗੀ ਚੁਸਤੀ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ ।
December	**20th Dec-31st Dec**	**7**	**15**	ਅੰਗਰੇਜੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ :ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ	ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਦਫਤਰੀ ਸ਼ਬਦਾਵਲੀ ਦਾ ਅਨੁਵਾਦ ।	ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਟੀਮਾਂ ਬਣਾ ਕੇ, ਦਫਤਰਾਂ ਵਿੱਚ ਆਮ ਪ੍ਰਯੋਗ ਹੋਣ ਵਾਲੀ ਅੰਗਰੇਜ਼ੀ ਸ਼ਬਦਾਂਵਲੀ ਅਤੇ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਦਾ ਅਭਿਆਸ।	ਦਫਤਰੀ ਕਾਰ -ਵਿਹਾਰ ਦੀ ਸ਼ਬਦਾਵਲੀ ਨਾਲ ਸਾਂਝ ਪਵੇਗੀ ।ਵਿਦਿਆਰਥੀ ਦੇ ਵਿਹਾਰਕ ਵਿਆਕਰਣ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ
January	**8th Jan-20th Jan**	**9**	**16**	**1.**ਇਸ਼ਤਿਹਾਰ **2.**ਸੱਦਾ ਪੱਤਰ **3.** ਵੱਖ ਵੱਖ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਸ਼ਬਦਾਵਲੀ ਦਾ ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ ।	**1.**ਇਮਸ਼ਤਿਹਾਰ ਦਾ ਖਾਕਾ ਤਿਆਰ ਕਰਨਾ। ਵੱਖ-ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰਨਾ । **2.**ਸੱਦਾ ਪੱਤਰ ਦਾ ਸਿਰਲੇਖ ਅਤੇ ਸੰਪੂਰਨ ਢਾਂਚਾ **3.**ਦੁਕਾਨਾਂ ,ਬਾਜ਼ਾਰਾਂ ਰੋਜ ਦੇ ਜੀਵਨ ਆਦਿ ਵਿੱਚ ਇਸਤੇਮਾਲ ਹੋਣ ਵਾਲੇ ਅੰਗਰੇਜ਼ੀ ਦੇ ਸ਼ਬਦਾਂ ਦਾ ਪੰਜਾਬੀ ਅਨੁਵਾਦ।	1. ਵੱਖ- ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰਨੇ ।ਰਸਾਲਿਆਂ ਵਿੱਚੋਂ ਪੰਜਾਬੀ ਇਸ਼ਤਿਹਾਰ ਕੱਟ ਕੇ ਕਾਪੀ ਵਿੱਚ ਲਗਾਉਣੇ। 3. ਕੰਪਿਊਟਰ ਤੇ ਪਰਿਵਾਰਿਕ, ਸਮਾਜਿਕ ਅਤੇ ਦਫਤਰੀ ਮੌਕੇ ਦੇ ਸੱਦਾ ਪੱਤਰ ਤਿਆਰ ਕਰਕੇ ਕਾਪੀ ਵਿੱਚ ਲਗਾਉਣੇ। 2.ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਟੀਮਾਂ ਬਣਾਈਆਂ ਜਾਏਗੀਆਂ। ਅੰਗਰੇਜ਼ੀ ਦਾ ਸ਼ਬਦ ਦੇ ਕੇ ਉਤਰ ਪੁੱਛਿਆ ਜਾਵੇਗਾ। ਸਭ ਤੋਂ ਵੱਧ ਸਹੀ ਉੱਤਰ ਦੇਣ ਵਾਲੀ ਟੀਮ , ਜੇਤੂ ਟੀਮ ਹੋਵੇਗੀ ।	**1.** ਭਵਿੱਖ ਵਿੱਚ ਇਸ਼ਤਿਹਾਰ ਤਿਆਰ ਕਰਨ ਦੀ ਕਿੱਤੇ ਵਜੋਂ ਵੀ ਅਪਣਾਇਆ ਜਾ ਸਕਦਾ ਹੈ । **2.** ਭਾਸ਼ਾ ਤੇ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ ਸਮਾਜਿਕ ਸਾਂਝ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। **3.** ਵਿਦਿਆਰਥੀ ਦੀ ਸ਼ਬਦਾਵਲੀ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ। ਸ਼ੁੱਧ ਰੂਪ ਨਾਲ ਪੜ੍ਹਨ -ਲਿਖਣ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ ।ਅੰਗਰੇਜ਼ੀ ਅਤੇ ਪੰਜਾਬੀ ਦੋਹੇ ਭਾਸ਼ਾਵਾਂ ਵਿੱਚ ਪਕੜ ਮਜਬੂਤ ਹੋਵੇਗੀ।

January	**21st Jan-31st Jan**	**9**	**17**	**1.**ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ : ਬੀਮਾ ਸੇਵਾਵਾਂ ਅਤੇ ਕੰਪਿਊਟਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕ । **2.** *ਕਿਸੇ ਵਿਸ਼ੇ ਤੇ ਲਿਖਣਾ * ਸੁਣਣ -ਪ੍ਰੀਖਿਆ * ਬੋਲਣ -ਪ੍ਰੀਖਿਆ	ਬੀਮਾ ਸੇਵਾਵਾਂ ਤੇ ਕੰਪਿਊਟਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਰਤੇ ਜਾਣ ਵਾਲੇ ਵਾਕਾਂ ਦਾ ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਅਨੁਵਾਦ। **2.*** ਸਮਾਜਿਕ , ਸਭਿਆਚਾਰਕ, ਮਨੋਰੰਜਕ ਅਤੇ ਨੈਤਿਕ ਸਿੱਖਿਆ ਨਾਲ ਜੁੜੇ ਵਿਸ਼ਿਆਂ ਤੇ ਆਧਾਰਿਤ ਸੁਣਨ-ਬੋਲਨ ਕਿਰਿਆਵਾਂ।	1. ਬੀਮਾ ਤੇ ਕੰਪਿਊਟਰ ਵਿਸ਼ਨ ਨਾਲ ਸੰਬੰਧਿਤ ਵਰਤੇ ਜਾਣ ਵਾਲੇ ਤਕਨੀਕੀ ਵਾਕਾਂ ਦੀ ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਵਿੱਚ ਆਈਆਂ ਚੀਜ਼ਾਂ ਵਿਖਾਈਆਂ ਜਾਣਗੀਆਂ। ਕੁਝ ਸਬੰਧਤ ਚਿੱਤਰ ਕਾਪੀ ਵਿੱਚ ਲਗਾਏ ਜਾਣਗੇ। 2.ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵੱਖ- ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਲਿਖਣ ਲਈ ਦਿੱਤਾ ਜਾਵੇਗਾ । * ਸੁਣੀ ਗਈ ਕਹਾਣੀ ਜਾਂ ਲੇਖ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਲਿਖਣੇ। *ਆਮ ਜਾਣਕਾਰੀ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਪੁੱਛਣੇ ।ਕੋਈ ਵਾਦ ਵਿਵਾਦ ਭਾਸ਼ਣ ਜਾਂ ਕਵਿਤਾ ਬੁਲਵਾਈ ਜਾਵੇਗੀ	**1.** ਬੀਮਾ ਕੰਪਿਊਟਰ ਨਾਲ ਸੰਬੰਧਿਤ ਵਾਕਾਂ ਦੀ ਵਰਤੋਂ ਨਾਲ ਵਿਦਿਆਰਥੀ ਦਫਤਰਾਂ ਵਿੱਚ ਜਾ ਕੇ ਆਪਣੀ ਸਮੱਸਿਆਵਾਂ ਆਸਾਨੀ ਨਾਲ ਸਮਝਾ ਸਕਣਗੇ ਤੇ ਆਪਣਾ ਕੰਮ ਕਰ ਸਕਣਗੇ । 2. *ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ੁੱਧ ਲਿਖਣ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ। ਰਚਨਾਤਮਕ ਯੋਗੇਤਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ । * ਸੁਚੇਤ ਹੋ ਕੇ ਸੁਣਨ ਦੀ ਯੋਗਤਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ । *ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਬੋਲਣ ਵਿੱਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰਨਗੇ ਆਤਮ ਵਿਸ਼ਵਾਸ ਵਿਚ ਵਾਧਾ ਹੋਵੇਗਾ।
February	**3rd Feb-12th Feb**	**8**	**18**	**1.***ਕਿਸੇ ਵਿਸ਼ੇ ਤੇ ਲਿਖਣਾ * ਸੁਣਨ -ਪ੍ਰੀਖਿਆ * ਬੋਲਣ- ਪ੍ਰੀਖਿਆ	* ਸਮਾਜਿਕ , ਸਭਿਆਚਾਰਕ, ਮਨੋਰੰਜਕ ਅਤੇ ਨੈਤਿਕ ਸਿੱਖਿਆ ਨਾਲ ਜੁੜੇ ਵਿਸ਼ਿਆਂ ਤੇ ਆਧਾਰਿਤ ਸੁਣਨ-ਬੋਲਨ ਕਿਰਿਆਵਾਂ।	*ਵਿਦਿਆਰਥੀ ਨੂੰ ਵੱਖ ਵੱਖ ਵਿਸ਼ਿਆਂ ਤੇ ਲਿਖਣ ਲਈ ਦਿੱਤਾ ਜਾਵੇਗਾ। * ਸੁਣੀ ਗਈ ਕਹਾਣੀ ਜਾਂ ਲੇਖ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਲਿਖਣੇ। *ਆਮ ਜਾਣਕਾਰੀ ਦੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਪੁੱਛਣੇ ।ਕੋਈ ਵਾਦ ਵਿਵਾਦ ਭਾਸ਼ਣ ਜਾਂ ਕਵਿਤਾ ਬੁਲਵਾਈ ਜਾਵੇਗੀ।	*ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ੁੱਧ ਲਿਖਣ ਦਾ ਅਭਿਆਸ ਹੋਵੇਗਾ। ਰਚਨਾਤਮਕ ਯੋਗੇਤਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ । * ਸੁਚੇਤ ਹੋ ਕੇ ਸੁਣਨ ਦੀ ਯੋਗਤਾ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ । *ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਬੋਲਣ ਵਿੱਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰਨਗੇ ਆਤਮ ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ ।

February	**13th Feb-21st Feb**	**8**	**19**	ਦੁਹਰਾਈ । ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਹੱਲ ਕਰਨਾ।	ਟਰਮ 1ਅਤੇ ਟਰਮ 2 ਦੇ ਕਰਵਾਏ ਗਏ ਕੰਮਾਂ ਦੀ ਦੁਹਰਾਈ ਕਰਵਾਈ ਜਾਵੇਗੀ। ਪਾਠ ਪੁਸਤਕ ਸਬੰਧੀ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇਗਾ।	ਟਰਮ 1ਅਤੇ ਟਰਮ 2 ਦੇ ਕਰਵਾਏ ਗਏ ਕੰਮਾਂ ਦੀ ਦੁਹਰਾਈ ਕਰਵਾਈ ਜਾਵੇਗੀ। ਪਾਠ ਪੁਸਤਕ ਸਬੰਧੀ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਮੱਸਿਆਵਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇਗਾ।	ਇਮਤਿਹਾਨਾਂ ਦੀ ਤਿਆਰੀ ਹੋਵੇਗੀ । ਮਾਂ ਬੋਲੀ ਨਾਲ ਪਿਆਰ ਵਧੇਗਾ । ਆਤਮ ਵਿਸ਼ਵਾਸ ਵਿੱਚ ਵਾਧਾ ਹੋਵੇਗਾ।

***UNIT TEST 1:**
Class VI-X and XII – 4th May to 10th May
Class III to V- 6th May to 10th May

***MID TERM:**
All classes-11th Sept to 23rd Sept.

***UNIT TEST 2:**
Class III-V and XI- 2nd Dec to 7th Dec
Class VI to IX- 2nd Dec to 9th Dec

***SECOND TERM:**
Class X and XII- 29th Nov to 16th Dec

***PRE BOARD EXAMS:**
Class X and XII- 8th Jan to 22nd Jan

***FINAL EXAMS:**
All classes except X and XII - 24th Feb onwards