

DELHI PUBLIC SCHOOL, GANDHINAGAR
SYLLABUS – 2024-25
CLASS – IX

SUBJECT: ENGLISH

MONTH	LITERATURE READER (BEEHIVE)	SUPPLEMENTARY READER (MOMENTS)	WRITING	GRAMMAR/ WORKBOOK (WORDS & EXPRESSIONS)
APRIL	UNIT-1 L-1: The Fun They Had (Prose) The Road Not Taken (Poem) UNIT-2 L-2: The Sound of Music (Prose) I	L-1: The Lost Child	Diary Entry	Modals W.B. Unit 1
MAY	UNIT-2 Wind (Poem) UNIT-2 L-2: The Sound of Music (Prose) II		Story Writing	Tenses W.B. Unit 2
JUNE	UNIT-3 L-3: The Little Girl (Prose)	L-2: The Adventures of Toto	Story Writing (Practice)	W.B. Unit 3
JULY	Rain on the Roof (Poem) UNIT-4 L-4: A Truly Beautiful Mind (Prose)	L-3: Iswaran the Storyteller		Reported Speech <ul style="list-style-type: none"> • Commands & requests • Statements • Questions W.B. Unit 4
Syllabus for Periodic Test-1 (July):				
Reading: Unseen Comprehension Writing & Grammar: Diary Entry, Story Writing, Tenses, Modals Literature: Beehive: Prose- The Fun They Had, The Sound of Music I & II, The Little Girl Poem- Wind, The Road Not Taken, Rain on the Roof Moments: The Lost Child, The Adventures of Toto, Iswaran the Storyteller				
AUGUST	The Lake Isle of Innisfree (Poem) A Legend of the Northland (Poem) UNIT-5 L-5: The Snake and the Mirror (Prose) UNIT-6 L-6: My Childhood (Prose)	L-4: In the Kingdom of Fools	ASL	W.B. Unit 5.
SEPTEMBER	No Men Are Foreign (Poem) & Revision			
Syllabus for Half Yearly Examination (September):				
Reading: Unseen Comprehension Writing & Grammar: Diary Entry, Story Writing, Tenses, Modals, Reported Speech Literature: Beehive: Prose- The Fun They Had, The Sound of Music I & II, The Little Girl, A Truly Beautiful Mind, My Childhood, The Snake and the Mirror				

Poem: Wind, The Road Not Taken, Rain on the Roof, A Legend of the Northland, The Lake Isle of Innisfree.				
Moments: The Lost Child, The Adventures of Toto, Iswaran the Storyteller, In the Kingdom of Fools				
OCTOBER	UNIT-8 L-7: Reach for the Top1 & 2 (Prose)	L-5: The Happy Prince	Description (Person)	W.B. Unit 6
NOVEMBER	On Killing a Tree (Poem)	L-7: The Last Leaf	Description (Event)	W.B. Unit 8
DECEMBER	UNIT-10 A Slumber Did My Spirit Seal (Poem)	L-8: A House Is Not A Home	ASL	Determiners, Subject- Verb Agreement
Syllabus for Periodic Test-2(January):				
Reading: Unseen Comprehension				
Writing & Grammar: Description, Determiners, Subject-Verb Agreement				
Literature: Beehive: Prose- Reach for the Top1&2,				
Poem: No Men Are Foreign, On Killing a Tree				
Moments: The Happy Prince, The Last Leaf, A House Is Not A Home				
JANUARY	UNIT-10 L- 10 Kathmandu (Prose) UNIT-11 L-11: If I Were You (Prose)	L-10: The Beggar	Description (situation based on visual or verbal cues)	
FEBRUARY	REVISION			W.B. Unit 10 W.B. Unit 11
Entire syllabus for Annual Examination (April-February)				

SUBJECT: Hindi

MONTH	पाठ्यपुस्तक - स्पर्श	पूरक पुस्तक - संचयन	क्रियात्मक	व्याकरण
APRIL	पाठ - दुख का अधिकार काव्य - रैदास के पद		अपठित गद्यांश अनुच्छेद लेखन अनौपचारिक पत्र	शब्द और पद उपसर्ग, प्रत्यय
MAY	काव्य - रहीम के दोहे	गिल्लू	संवाद लेखन	
JUNE	पाठ - एवरेस्ट : मेरी शिखर यात्रा		चित्र वर्णन	अनुस्वार, अनुनासिक
JULY	पाठ- तुम कब जाओगे : अतिथि		अनुच्छेद लेखन	विराम चिह्न कक्षा गतिविधि - 1 श्रवण और वाचन
Syllabus for Periodic Test-1 (July):				
पाठ - दुख का अधिकार, पाठ - एवरेस्ट : मेरी शिखर यात्रा, काव्य - रैदास के पद, काव्य - रहीम के दोहे, पूरकपुस्तक - गिल्लू ।				
व्याकरण - शब्द और पद, उपसर्ग, प्रत्यय, अनुस्वार, अनुनासिक, विराम चिह्न ।				
क्रियात्मक कार्य - अपठित गद्यांश, अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन, चित्र वर्णन ।				
AUGUST	पाठ - वैज्ञानिक चेतना के वाहक	स्मृति	संवाद लेखन अनौपचारिक पत्र	स्वर संधि अर्थ की दृष्टि से वाक्य के भेद

SEPTEMBER	पाठ - कीचड़ का काव्य			पुनरावर्तन कार्य और अर्द्ध - वार्षिक परीक्षा
Syllabus for Half Yearly Examination (September):				
पाठ - दुःख का अधिकार, पाठ - एवरेस्ट : मेरी शिखर यात्रा, पाठ - तुम कब जाओगे : अतिथि, पाठ - वैज्ञानिक चेतना के वाहक, काव्य - रैदास के पद, काव्य - रहीम के दोहे, पूरक पुस्तक - गिल्लू, स्मृति व्याकरण - शब्द और पद, उपसर्ग, प्रत्यय, अनुस्वार, अनुनासिक, स्वर संधि, विराम - चिह्न, अर्थ की दृष्टि से वाक्य के भेद क्रियात्मक कार्य - अपठित गद्यांश, अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन, चित्र वर्णन				
OCTOBER	काव्य - गीत-अगीत	कल्लू कुम्हार की उनाकोटी	अपठित गद्यांश अनुच्छेद लेखन अनौपचारिक पत्र	अर्थ की दृष्टि से वाक्य के भेद उपसर्ग, प्रत्यय
NOVEMBER	पाठ - शुक्रतारे के समान काव्य - अग्नि पथ		संवाद लेखन	अनुस्वार अनुनासिक
DECEMBER		मेरा छोटा-सा निजी पुस्तकालय	चित्र वर्णन	स्वर संधि कक्षा गतिविधि - 2 श्रवण और वाचन
Syllabus for Periodic Test-2 (January):				
पाठ - शुक्रतारे के समान, काव्य - अग्नि पथ, काव्य - गीत-अगीत, पूरक पुस्तक - कल्लू कुम्हार की उनाकोटी, मेरा छोटा-सा निजी पुस्तकालय व्याकरण - शब्द और पद, उपसर्ग, प्रत्यय, अनुस्वार, अनुनासिक, स्वर संधि, अर्थ की दृष्टि से वाक्य के भेद, विराम - चिह्न क्रियात्मक कार्य - अपठित गद्यांश, अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन, चित्र वर्णन				
JANUARY	काव्य - नए इलाके में एवं खुशबू रचते हैं हाथ		अपठित गद्यांश अनुच्छेद लेखन	विराम - चिह्न शब्द और पद
FEBRUARY	समस्त अभ्यासक्रम का पुनरावर्तन कार्य			
Syllabus for Annual Examination:				
पाठ - दुःख का अधिकार, पाठ - एवरेस्ट : मेरी शिखर यात्रा, पाठ - तुम कब जाओगे : अतिथि, पाठ - वैज्ञानिक चेतना के वाहक, पाठ - कीचड़ का काव्य, पाठ - शुक्रतारे के समान, काव्य - रैदास के पद, काव्य - रहीम के दोहे, काव्य - गीत-अगीत, काव्य - अग्नि पथ, काव्य - नए इलाके में व खुशबू रचते हैं हाथ पूरक पुस्तक - गिल्लू, स्मृति, कल्लू कुम्हार की उनाकोटी, मेरा छोटा-सा निजी पुस्तकालय व्याकरण - शब्द और पद, उपसर्ग, प्रत्यय, अनुस्वार, अनुनासिक, अर्थ की दृष्टि से वाक्य के भेद, स्वर संधि, विराम-चिह्न क्रियात्मक कार्य - अपठित गद्यांश, अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन, चित्र वर्णन				

SUBJECT: Maths

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/PRACTICALS
APRIL	Ch-1: Number Systems Ch-2: Polynomials	• To construct $\sqrt{7}$ by spiral method.
MAY	Ch-2: Polynomials (Contd..) Ch-3: Coordinate Geometry	
JUNE	Ch-3: Coordinate Geometry (Contd..) Ch-4: Linear Equations in Two Variables	• To verify the algebraic identity $(a+b+c)^2$ • To obtain the mirror images with respect to given lines with respect to x-axis and y-axis.
JULY	Ch-4: Linear Equations in Two Variables (Contd..) Ch-5: Introduction to Euclid's Geometry	

Syllabus for Periodic Test-1 (July): Chapter: 1, 2, 3 & 4		
AUGUST	Ch-6: Lines and Angles Ch-7: Triangles	• To show that exterior angle of a triangle is equal to the sum of the two interior opposite angles.
SEPTEMBER	REVISION	
Syllabus for Half Yearly (September): Chapter: 1, 2, 3, 4, 5, 6 & 7		
OCTOBER	Ch-8: Quadrilaterals Ch-9: Circles	• To verify Mid-point theorem.
NOVEMBER	Ch-9: Circles (Contd..)	• To show that the angles subtended by the chord of a circle in the same segment are equal. • To verify that the opposite angles of a cyclic quadrilateral are supplementary.
DECEMBER	Ch-12: Statistics	
Syllabus for Periodic Test-2 (January): Chapter: 8, 9 & 12		
JANUARY	Ch-10: Heron's Formula Ch-11: Surface Areas and Volumes	
FEBRUARY	REVISION	
Syllabus for Annual Examination: ALL THE CHAPTERS		

SUBJECT: Science

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/PRACTICALS
APRIL	<u>PHYSICS:</u> Ch-7 Motion <u>CHEMISTRY:</u> Ch-1 Matter In Our Surroundings <u>BIOLOGY:</u> Ch-5 The Fundamental Unit of Life	<u>PHYSICS:</u> 1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. <u>CHEMISTRY:</u> 2. Determination of the melting point of ice and the boiling point of water. <u>BIOLOGY:</u> 3. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labelled diagrams.
MAY	<u>PHYSICS:</u> Ch-7 Motion <u>CHEMISTRY:</u> Ch-1 Matter In Our Surroundings <u>BIOLOGY:</u> Ch-5 The Fundamental Unit of Life	
JUNE	<u>PHYSICS:</u> Ch-7 Motion Ch-8 Force and Laws of motion <u>CHEMISTRY:</u> Ch-1 Matter In Our Surroundings Ch-2 Is Matter Around Us Pure?	<u>PHYSICS:</u> 4. Establishing the relation between the loss in weight of a solid when fully immersed in a) tap water b) strongly salty water, with the weight of water displaced by it by taking at least two different solids.

	<p><u>BIOLOGY:</u> Ch-5 The Fundamental Unit of Life</p>	<p><u>CHEMISTRY:</u> 5. Preparation of: a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion and stability.</p>
JULY	<p><u>PHYSICS:</u> Ch-8 Force and Laws of motion</p> <p><u>CHEMISTRY:</u> Ch-2 Is Matter Around Us Pure?</p> <p><u>BIOLOGY:</u> Ch-6 Tissues</p>	<p><u>CHEMISTRY:</u> 6. Preparation of a mixture and a compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet (iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat.</p> <p><u>BIOLOGY:</u> 7. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides. Drawing of their labelled diagrams.</p>
Syllabus for Periodic Test-1 (July):		
<p><u>PHYSICS:</u> ➤ Ch-7 Motion</p> <p><u>CHEMISTRY:</u> ➤ Ch-1 Matter in Our Surroundings</p> <p><u>BIOLOGY:</u> ➤ Ch-5 The Fundamental Unit of Life</p>		
AUGUST	<p><u>PHYSICS:</u> Ch-8 Force and Laws of Motion</p> <p><u>CHEMISTRY:</u> Ch-2 Is Matter Around Us Pure?</p> <p><u>BIOLOGY:</u> Ch-6 Tissues</p>	<p><u>CHEMISTRY:</u> 8. Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water.</p>
SEPTEMBER	Revision	
Syllabus for Half Yearly (September):		
<p><u>PHYSICS:</u> ➤ Ch-7 Motion ➤ Ch-8 Force and Laws of Motion</p> <p><u>CHEMISTRY:</u> ➤ Ch-1. Matter in Our Surroundings ➤ Ch-2. Is Matter Around Us Pure?</p> <p><u>BIOLOGY:</u> ➤ Ch-5. The Fundamental Unit of Life ➤ Ch-6. Tissues</p>		
OCTOBER	<p><u>PHYSICS:</u> Ch-9 Gravitation</p> <p><u>CHEMISTRY:</u> Ch-3 Atoms and Molecules</p> <p><u>BIOLOGY:</u> Ch-12 Improvement In Food Resources</p>	

NOVEMBER	PHYSICS: Ch-9 Gravitation Ch-10 Work and Energy CHEMISTRY: Ch-3 Atoms and Molecules BIOLOGY: Ch-12 Improvement In Food Resources	CHEMISTRY: 9. To verify the law of conservation of mass in a chemical reaction.
DECEMBER	PHYSICS: Ch-10 Work and Energy CHEMISTRY: Ch-4 Structure of the Atom BIOLOGY: Ch-12 Improvement In Food Resources	

Syllabus for Periodic Test-2 (January):

PHYSICS:

- **Ch-9** Gravitation

CHEMISTRY:

- **Ch-3** Atoms and Molecules

BIOLOGY:

- **Ch-12** Improvement In Food Resources

JANUARY	PHYSICS: Ch-11 Sound CHEMISTRY: Ch-4 Structure of the Atom BIOLOGY: Revision	PHYSICS: 10. Verification of the Laws of reflection of sound. 11. Determination of the speed of a pulse propagated through a stretched string / slinky.
FEBRUARY	PHYSICS: Ch-11 Sound CHEMISTRY: Ch-4 Structure of the Atom Revision BIOLOGY: Revision	

Syllabus for Annual Examination:

PHYSICS:

- **Ch-7** Motion
- **Ch-8** Force and Laws of Motion
- **Ch-9** Gravitation
- **Ch-10** Work and Energy
- **Ch-11** Sound

CHEMISTRY:

- **Ch-1** Matter in Our Surroundings
- **Ch-2** Is Matter Around Us Pure?
- **Ch-3** Atoms and Molecules
- **Ch-4** Structure of the Atom

BIOLOGY:

- **Ch-5** The Fundamental Unit of Life
- **Ch-6** Tissues
- **Ch-12** Improvement In Food Resources

SUBJECT: SOCIAL SCIENCE

MONTH	LESSONS/ CHAPTERS	ACTIVITIES
APRIL	Geography 1. India-Size and Location. Economics 1.The Story of Village Palampur DP: 1. What Is Democracy? Why Democracy	Map work: <ul style="list-style-type: none"> • India-States with Capitals • Tropic of Cancer • Standard Meridian of India • Neighbouring countries
MAY	History 1.French Revolution	Map work: <ul style="list-style-type: none"> • Outline Political Map of France (Bordeaux, Nantes, Paris, Marseilles)
JUNE	Geography 2.Physical Features of India	Map work: <ul style="list-style-type: none"> • Mountain Ranges • Mountain Peaks • Plateau • Coastal Plains
JULY	Economics 2.People As Resource History 2.Socialism in Europe and the Russian Revolution	Map work: <ul style="list-style-type: none"> • Outline Political Map of World Major countries of First World War (Central Powers and Allied Powers)
Syllabus for Periodic Test-1 (July) History 1, Geography 1,2 DP 1, Economics 1		
AUGUST	History 2.Socialism in Europe and the Russian Revolution DP 2. Constitutional Design DP 3. Electoral Politics Geography 3. Drainage	Map work: <ul style="list-style-type: none"> • Rivers: (The Himalayan River Systems, The Peninsular Rivers, Lakes)
SEPTEMBER	History 3.Nazism and the Rise of Hitler	Map work: <ul style="list-style-type: none"> • Outline Political Map of World (Major countries of Second World War - Axis Powers Allied Powers)
Syllabus for Half Yearly (September) History: 1, 2 Geography: 1, 2, 3 DP: 1, 2, 3 Economics: 2		
OCTOBER	History 3.Nazism and the Rise of Hitler DP 4. Working of Institution	
NOVEMBER	Economics 3.Poverty as a challenge History 5.Pastoralists in the Modern World	
DECEMBER	Economics 4.Food Security in India	
	History 4.Forests Society and Colonialism Geography 4.Climate	Map work: <ul style="list-style-type: none"> • Annual rainfall in India • Monsoon wind directions
Syllabus for Periodic Test-2 (January): History: 3, 5 DP: 4 Geography: 4 Economics:3, 4		

JANUARY	Geography 5.Natural Vegetation and Wildlife DP 5.Democratic Rights	Map work: • Vegetation Type • National Parks • Bird Sanctuaries Wildlife Sanctuaries
FEBRUARY	Geography 6.Population	Map work: • Population density of all states • The state having highest and lowest density of population
Syllabus for Annual examination:		
History: 1,2,3 Geography: 1,2,3,4,5(Only Map),6 DP: 1,2,3,4,5 Economics: 2,3,4		

SUBJECT: Sanskrit

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/ PRACTICALS
APRIL	→ उच्चारणस्थानानि → सङ्ख्या – १ तः ५० (सङ्ख्या १-४ केवलं प्रथमा विभक्तौ) → प्रत्ययाः - तुमुन्, क्त्वा, ल्यप् प्रत्ययाः शब्दरूपाणि – फल, बालक, कवि, साधु, लता, नदी, पितृ, मातृ, किम् (कः/का/किम्) तत् (सः/सा/तत्), अस्मद्, युष्मद्	चित्रवर्णनम् / अनुच्छेदलेखनम्
MAY	चित्रवर्णनम् / अनुच्छेदलेखनम्	
JUNE	पाठः १ अविवेकः परमापदां पदम् → धातुरूपाणि – परस्मैपदिनः(भू, नम्, गम्, अस्, प्रच्छ्, कृ, ज्ञा, क्षाल्, नी, पा, दृश्, पञ्चलकारेषु), आत्मनेपदिनः (सेव्, लभ्, रुच्) (केवलं लट्-लृट्लकारयोः) पाठः २ पाथेयम्	पत्रलेखनम् अपठितगद्यांशः
Syllabus for Periodic Test-1 (July):		
पाठः १ अविवेकः परमापदां पदम्, उच्चारणस्थानानि, संख्या, प्रत्ययाः, शब्दरूपाणि, धातुरूपाणि, अपठितगद्यांशः, पत्रलेखनम्, चित्रवर्णनम्		
JULY	पाठः ३ विजयतां स्वदेशः → कारक-उपपदविभक्तिः – → द्वितीया (उभयतः, परितः, समया/निकषा, प्रति, विना), तृतीया - सह/समम्/सार्धम्, विना, अलम्, हीन) चतुर्थी - रुच्, दा-यच्छ्, नमः, कुप्, अलं (सामर्थ्ये) पाठः ४ विद्यया भान्ति सद्गुणाः → अव्ययानि – स्थानबोधकानि – अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र कालबोधकानि – यदा, तदा, सर्वदा, एकदा, पुरा, अधना, अद्य, श्वः, ह्यः	
AUGUST	→ स्वरसन्धिः – दीर्घ, गुण, वृद्धिः, यण्, अयादिः	
SEPTEMBER	पुनरावर्तनम्	कथापूर्तिः, संवादपूर्तिः

Syllabus for Half Yearly Examination (September):

पाठः १, २, ३, ४ अपठितगद्यांशः, पत्रलेखनम्, चित्रवर्णनम्, कथापूर्तिः/संवादपूर्तिः, उच्चारणस्थानानि, स्वरसन्धिः, कारक-उपपदविभक्तिः, शब्दरूप, धातुरूप, संख्या, प्रत्ययाः, अव्ययानि

OCTOBER	पाठः ५ कर्मणा याति संसिद्धिम् → व्यञ्जनसन्धिः – प्रथमवर्णः → तृतीयवर्णः, म् → अनुस्वारः, → विसर्गसन्धिः – उत्त्वम्, शत्वम्, षत्वम्, सत्वम्	
NOVEMBER	पाठः ६ तत् त्वम् असि → कारक-उपपदविभक्तिः – पञ्चमी (विना, बहिः, भी, रक्ष), षष्ठी (उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः), सप्तमी (स्निहू, निपुणः, विश्वस्, कुशल) पाठः ७ तरवे नमोऽस्तु	पत्रलेखनम् चित्रवर्णनम्
DECEMBER	पाठः ८ न धर्मवृद्धेषु वयः समीक्ष्यते → प्रत्ययाः – शतृ सङ्ख्या – ५१ तः १००	अपठितगद्यांशः
Syllabus for Periodic Test – 2 (January):		
पाठः ५, ६, ७, व्यञ्जनसन्धिः, विसर्गसन्धिः, उपपदविभक्तिः, संख्या, प्रत्ययाः, अपठितगद्यांशः, चित्रवर्णनम्		
JANUARY	पाठः ९ कवयामि वयामि यामि → अव्ययानि – प्रश्नबोधकानि – किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् → अन्यानि – च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव	
FEBRUARY	पुनरावर्तनम्	
Syllabus for Annual Exam: Full syllabus		

SYLLABUS: Artificial Intelligence

Month	Lessons/ Chapters	Activities/Practical
April	PART A: Unit 1: Communication Skills-I PART B: Unit 1: AI Reflection, Project Cycle and Ethics	Activity: 1. Rock, Paper, Scissors (Data Science) (Pg. 11) https://next.rockpaperscissors.ai/ 2. Semantris (NLP) (Pg. 14) https://research.google.com/semantris/ Project/Portfolio: 1. Find at least five words related to Artificial Intelligence from the crossword given (CBSE EBook: Pg. 110)
May	PART A: Unit 2: Self-Management Skills-I	Activity: 3. Quick Draw (CV & ML) (Pg. 16) https://quickdraw.withgoogle.com/ 4. AI Writing Tool https://app.wordtune.com/ Project/Portfolio: (HHW): 2. Draft a Letter to your future self in 2050. (Pg. 18) 3. Make a list of expectations for your future smart home and divide it into four categories:- convenience, entertainment, efficiency and safety. (Pg. 26) OR Design a Floor plan for your future smart home.

June	PART A: Unit 2: Self-Management Skills-I (Contd..) PART B: Unit 1: AI Reflection, Project Cycle and Ethics (Contd..)	Activity: 5. Teachable Machine: https://teachablemachine.withgoogle.com/train 6. Ethics Awareness https://www.moralmachine.net/ Project/Portfolio: 4. Futuristic "Job Advertisement" highlighting the skills required in 2029. 5. Create a 4WS Problem Canvas for a school struggling to manage the manual attendance of students. (Refer Pg. 70)
July	PART A: Unit 3: ICT Skills-I PART B: Unit 1: AI Reflection, Project Cycle and Ethics (Contd..)	Project/Portfolio: 6. Create a System Map using Loopy to identify the relationships in the variables related to the performance of students in the class. (Pg. 79) Understanding graphs using https://datavizcatalogue.com/ <ul style="list-style-type: none"> • Listing of newly learnt data visualization techniques. • Top 10 Song Prediction: Identify the data features, collect the data and convert into graphical representation. • Collect and store data in a spreadsheet and create some graphical representations to understand the data effectively.
Syllabus for Periodic Test-1 (July) Part A : Unit 1, 2 Part B : Unit 1 (as per old book)		
August	PART B: Unit 5: Introduction to Python	Practical File: Python program based on print and input statements, variables, data types, operators, if...else, if..elif..else
September	Revision	
Syllabus for Half Yearly (September) Part A : Unit 1, 2, 3 Part B: Unit 1 (complete part from old and new book), Unit 5 (upto if else)		
October	PART A: Unit 4: Entrepreneurial Skills-I PART B: Unit 4: Introduction to Generative AI	Activity: <ul style="list-style-type: none"> • Guess the Real Image vs. the AI-generated image. Hands-on Activity: GAN Paint : Generative AI tools Session
November	PART A: Unit 5: Green Skills-I PART B: Unit 2: Data Literacy Unit 5: Introduction to Python (Contd..)	Practical File: Python program based on loops. Activity: Impact of News Articles Reference Videos: <ul style="list-style-type: none"> • https://www.youtube.com/watch?v=yhO_t-c3yJY • https://www.youtube.com/watch?v=aO858HyFbKI Extra Activities: <ul style="list-style-type: none"> • Trend analysis • Visualize and Interpret Data
December	PART B: Unit 2: Data Literacy (Contd...) Unit 5: Introduction to Python(Contd..)	Practical File: Python program based on lists. Activities: <ul style="list-style-type: none"> • Project Interactive Data Dashboard & Presentation • Data visualization Using Tableau Reference Links <ul style="list-style-type: none"> • https://public.tableau.com/en-us/s/download Video Links: https://www.youtube.com/watch?v=NL_CzpPRCc7U https://www.youtube.com/watch?v=M_8BnosAD78

Syllabus for Periodic Test-II (January)

Part A : Unit 4,5

Part B : Unit 2,4

January	PART B: Unit 3: Math for AI (Statistics & Probability)	Math Activity: <ul style="list-style-type: none"> Observe the number pattern and find the missing number. To find connections between sets of images and use that to solve problems. Statistics Activity: Car Spotting and Tabulating activity for data collection and tabulation. Probability Activity: Applications of probability: Sports, Weather Forecast, Traffic Estimation
February	Revision	
Syllabus for Annual Examination: Entire syllabus as per CBSE guidelines		

SUBJECT: Theatre

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/ PRACTICAL
APRIL	VOICE & SPEECH [THEORETICAL ASPECT]. INTRODUCTION TO BHARATNATYASHASTRA	Voice Modulation, Diction, Intensity, Restraint Pace or Rate, Duration, Tone Colours
MAY		
JUNE		
JULY	BODY MOVEMENT & IMPROVISATION [THEORETICAL ASPECT].	Understanding Space through Movement & Improvisation. Logical relationship & link between thought and action in different characters.
AUGUST	VOICE & SPEECH [PRACTICAL ASPECT] DETAILED STUDY OF STAGE GEOGRAPHY – PROSCENIUM STAGE	Preparing chorus from various plays. Preparing Blank verse [], folk songs, shloka, chhand (meter) and poetries. St.Cr.: Drawing and practical, Proscenium Theatre(St.cr)
OCTOBER	VOICE & SPEECH [PRACTICAL ASPECT]	Study of Dialects and Intonations. Preparing five - monologues or soliloquies or scenes from classics /modern classics.
NOVEMBER	BODY MOVEMENT [PRACTICAL ASPECT] DETAILED STUDY OF BHARATA'S RASA THEORY	Various kinds of Movements and Gestures. Concept of Rasa Navarasa, Facial expression.
DECEMBER	BODY MOVEMENT [PRACTICAL ASPECT]	Different body movements of animate and inanimate objects [Individual, pair and in groups]
JANUARY	IMPROVISATION [PRACTICAL ASPECT] ACTIN IN FOLK & REGIONAL THEATRE	Improvising a story. Treating a poem as a soliloquy. Complicated yogic exercises in body postures.
FEBRUARY	IMPROVISATION [PRACTICAL ASPECT]	Respiration, In lying, sitting and standing. Improvisations based on Stanislavsky's element of an Action viz; Tempo & Rhythm & Emotional Memory

SUBJECT: Music (Instruments)

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/PRACTICALS
APRIL	1. Layakari in 4/4 and 6/8 time signature.	Metronome practice of 4/4 time signature in Cajon, Congo and Tabla
MAY	2. Bol of Bandh baaj and Khulla baaj.	Metronome practice of 6/8 time signature Cajon, Congo and Tabla
JUNE		Tabla practice of the bol of Bandh baaj and Khulla baaj
JULY	1. Rhythm making theory and practical 2. Taal Dhamar:- Full details of taal using Pt. Bhatkhande lipi	Creating different rhythmic patterns on various instruments using rhythm theory (Understanding the break-up of beats in different time signatures)
AUGUST	1. Taal keherva based Patriotic song	Being able to accompany any Patriotic song on selected instrument. (Cajon, Tabla, Congo, Harmonium) which is based on Taal Keherva (4/4 Time)
OCTOBER	1. Tukda in Taal Teentaal. 2. Tukda in Taal Rupak.	Being able to play the individual bol of Tukda in tabla/dholak and recitation of the whole Tukda.
NOVEMBER	1. Taal Ektaal:- Full details of taal using Pt. Bhatkhande lipi	Being able to play Ektaal on Tabla/Dholak
DECEMBER	1. Ektaal Tukda	Recitation of Tukda
JANUARY	1. Cajon and Congo cover on any Bollywood song 2. Comparative study of Pt. V.N Bhatkhande & Pt. V.D Paluskar Lipi (Script)	Exercise of various patterns of particular song on Congo and Cajon Creating various Drum patterns
FEBRUARY	1. Revision and recollection of the topics covered throughout the year to sum up the years learning and clear up the doubts.	Side percussion instruments practice using different rhythmic patterns

SUBJECT: Music (Western)

MONTH	LESSONS/ CHAPTERS	ACTIVITIE/PRACTICAL
APRIL	<ul style="list-style-type: none"> • Rhythmic: Understanding Time signature 4/4 by breaking it into different rhythm patterns • Melodic: learning C major scale with all natural notes and making different melodic phrases and chunks using sequencing in the major scale. • Transcription/Theory: Basic introduction to western staff notation. (Written music) • Treble clef, time signature, key signature etc. 	<ul style="list-style-type: none"> • Playing on Congo and Cajon the basic rhythm formats in 4/4 time. • Being able to play C major scale and create melodic phrases and sequences from that. • Basic strumming pattern and nut chord changes in Guitar • Arpeggio playing using both hands in Piano. • A basic jingle in C major scale (Both Guitar & Piano) • "Twinkle- Twinkle"/ "Happy Birthday"
MAY		
JUNE		
JULY	<ul style="list-style-type: none"> • Rhythmic: Revision of the 4/4-time signature and its variations. • Melodic: Revision of C major scale and clearing doubts in making phrases using sequencing. Knowledge about the Chord family of major scale. • Transcription/Theory: Revision of the basics of staff notation and understanding rests, ties in western 	<ul style="list-style-type: none"> • Display by the students on Congo or Cajon the basic rhythm formats in 4/4 time. • Practical demonstration by students the Scale C major and making of phrase using Sequencing. • Revision of Arpeggio playing in Piano and guitar chord strumming. • students will be playing Twinkle/Happy

	staff notation. (Written music)	birthday either on Guitar or Piano
AUGUST	<ul style="list-style-type: none"> • Rhythmic: Understanding Time signature 3/4 by breaking it into different rhythm patterns. • Melodic: Learning G major scale and making different melodic phrases, chunks and sequences using major scale. • Transcription/Theory: Knowledge about the Chord family of Major scale & Learning to write & comprehend chord chart for songs. 	<ul style="list-style-type: none"> • Playing on Congo and Cajon the rhythm formats in 3/4 time. • Being able to play G major scale and create melodic phrases and sequences from that. • Basic chords like E min, Amin, C, G and D to be played in a rhythm & chord progression. • Learn to play together in a simple symphonic arrangement by forming groups/Bands together.
OCTOBER	<ul style="list-style-type: none"> • Rhythmic: Understanding complex rhythmic patterns in 4/4-time signature • Melodic: learning A minor scale and making different melodic phrases, chunks and sequences using major scale. • Transcription/Theory: Understanding scale theory, Diatonic scales and circle of fifths 	<ul style="list-style-type: none"> • Playing on Congo and Cajon the complex rhythm formats in 4/4 time. • Band(group) performance of different groups in class.
NOVEMBER	<ul style="list-style-type: none"> • Rhythmic: Learning commercial strumming/rhythm pattern suitable for Bollywood songs • Melodic: Learning motivational / inspirational song "Kandhey pe suraj" • Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	<ul style="list-style-type: none"> • Playing on Congo and Cajon the rhythm formats suitable for Bollywood songs. • Being able to play/sing bollywood song "Kandhey pe suraj" • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation
DECEMBER	<ul style="list-style-type: none"> • Rhythmic: Revision of commercial strumming/rhythm pattern • Melodic: Learning Christmas Carol • Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	<ul style="list-style-type: none"> • Practice on Congo and Cajon the commercial rhythm formats. • Being able to play/sing Christmas carol. Joy to world/Silent night. • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation.
JANUARY	<ul style="list-style-type: none"> • Rhythmic: Revision of commercial strumming/rhythm pattern • Melodic: Learning motivational / inspirational song "Aashaayein" • Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	<ul style="list-style-type: none"> • Playing on Congo and Cajon the rhythm formats of song • Being able to play/sing bollywood song "Aashaayein". • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation.

SUBJECT: Music (Indian Vocal)

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/PRACTICALS
APRIL	•Alankar	•5 basic alankar & 2 complex alankar in both swar and aakaar with taal.
MAY JUNE	<ul style="list-style-type: none"> •Theoretical explanation of musical terminologies •Raag based song (Semi classical/light music/sugam sangeet) 	<ul style="list-style-type: none"> •Detailed knowledge and understanding of Sam, Vadi , Samvadi , Jaaati , Laya , Pakkad , Thaati , Aaroh , Avaroh , Baaj(Bandh/Khula) •Ae watan mere watan (Light music/Sugam Sangeet Song)
JULY	•Songs on patriotism/National anthem/National song	•Bhati me bharatam/ Mann samarpit tan samarpit
AUGUST	•Theoretical understanding of north Indian	•Brief introduction of Raag (Raag -

	classical raagas •Classical rendition of Raag Bihag	Bihag/Megh parichay) • "Lat uljhi" Chota Khayal in tritaal covering the details of raaga presentation (raag aalaap, vistar, taan, bol taan, sargam
SEPTEMBER	•Variations in 12 maatra taal (Ektaal & Chautaal) •Folk songs	•Kanudo shu jane mari preet/Julan morli vagi •Sukh karta / Gajanana •Demonstration of Ektaal & Chautaal to corelate both the taals
OCTOBER	•Upashastriya sangeet (Haveli sangeet) •Gujarati/Marathi folk	•Dhrupad or Dhamaar(An ancient form of Musical composition) •Mor bani thangat kare •Panchatund/Sur niragas
NOVEMBER DECEMBER	•Performance oriented semi classical composition. •Raag based traditional composition	•Toota toota ek parinda •Gananayakaya •Ae ri sakhi mangal gao
JANUARY FEBRUARY	• Patriotic Gazal • Patriotic song • Understanding a classical form Tarana	• Taara naam ma o swatantrata/Farak farak tu • Bhati me Bharatam • Drut laya tarana in 4/4 khand taal

SUBJECT: Dance

MONTH	TOPIC	STYLE
APRIL	Basic knowledge about dance and dance style Basic steps with music (Learning to perform on semi classical dance)	Exercise for muscles, relaxation and stretching. Semi classical
MAY		
JUNE		
JULY	Introduction of classical dance Hand movements and basic expressions	Classical dance
AUGUST	Performance based on Bhajan or any classical music (Learning to perform Krishna bhajan - Classical dance steps)	Classical dance
OCTOBER	Folk dance steps (Learning to perform on folk songs with basic dance steps) Difference between solo and group dance (Students will learn to differentiate the dance style)	Folk dance
NOVEMBER	Folk dance with music (Learning to perform on the folk music)	Folk dance
DECEMBER	Western dance steps (Learning basic hand and foot movements- Contemporary dance style)	Western dance
JANUARY	Western dance with music (Learning to perform on songs-western steps)	Western dance
FEBRUARY	Learning how to choreograph. (Guidance for performance improvement and enhancing the confidence level)	Free style

SUBJECT: Painting

MONTH	DETAILS OF PAINTING	REQUIRED MATERIALS
APRIL	1-Theme: Nature study	Chart paper, poster colour, paint brush, colour palette, water bowl
MAY	Topic: Animals (lion, tiger, elephant, deer, giraffe) (To make different types of animals with the help of poster colours, water colour and graphite pencils)	
JUNE	2-Theme: Still life painting Topic: Objects (To learn to make still objects and to highlight light and dark shades using specific colour combinations with the help of pencil and water colours.)	Graphite or Charcoal Pencil A2 size drawing sheet
JULY	3- Theme: Fluid painting Topic: Creative Design (To learn Creative design by applying paint on canvas by pouring, sprinkling, or other dynamic methods without using the traditional brush work.	MDF Board-Acrylic Colours, colour palette, water bowl
AUGUST	4-Theme: Portrait Topic: Human portrait (To learn sketching of the facial features of humans using grid pattern with the help of charcoal colours.) (Features: Profile View, Eyes, Nose, Lips, and Ears.)	Graphite or Charcoal Pencil A3 size drawing sheet
OCTOBER	6- Theme: Collage Art Topic: Still life, Landscape, Figure drawings and Portrait (To learn the technique and the resulting work of art in which pieces of marble paper are arranged and stuck down onto an A3 sized drawing sheet.)	Marble papers, fevicol or fevistick, chart paper size drawing sheet
NOVEMBER	7-Theme: coffee painting Topic: Landscape, Figure drawings, Portrait (To learn making various shades and tones to create landscape, figure drawings etc, on A3 sized drawing sheet by mixing up different amounts of coffee with water.)	White or light brown drawing sheet, Brush
DECEMBER	8-Theme: Folk Art. Topic: Paintings of traditional Rajasthani arts, landscapes and Rajasthani village life (To learn to express traditional cultures of <i>Rajasthani</i> folk art Using pencil and poster colours.)	A2 Size Drawing sheet, poster colour
JANUARY	9-Theme: Religious Painting. Topic: Mahabharata, Ramayana, Geeta (To learn to express traditional cultures through religious art using pencil and poster colours on A3 sized drawing sheet.)	2 white chart papers, poster colours, Brush

SUBJECT: Craft

MONTH	LESSONS/ CHAPTERS	ACTIVITIES/PRACTICALS
APRIL	Topic: Puppet Making	Old clothes, gloves, acrylic colours
MAY	To make innovative puppet using creative Ideas.	
JUNE		
JULY	Topic: Best out of waste Learning to create best out of waste materials & making birds, house, bicycle, human figure etc.	Newspaper, fevicol, scissors, poster colours, paint brushes, palette
AUGUST	Topic: Ceramic Art Learning to decorate pot creatively using colours and decorative materials.	Pot, Glass painting, Colours, decorative materials
OCTOBER	Topic: POP Sculpture Making creative sculpture using POP & wire.	Steel wire, POP, MDF board size- 1ft x 1ft
NOVEMBER	Topic: Robot Making Making Robot making using old box, fevicol etc. as an example of 3D model.	Old box – different size, marble paper, scissors, fevicol
DECEMBER	Topic: Thikri Work Learning to make varieties of creative thikri work using POP & mirror.	POP, mirror, MDF board size- 12x 18 inch
JANUARY	Topic: Papier Mache Learning to make varieties of creative papier mache using newspaper balloon, fevicol etc.	Newspaper, fevicol, balloon