

DELHI PUBLIC SCHOOL, GANDHINAGAR
SYLLABUS 2025 – 26
CLASS IX

Subject: English

| MONTH | LITERATURE READER (BEEHIVE) | SUPPLEMENTARY READER (MOMENTS) | WRITING | GRAMMAR/ WORKBOOK (WORDS & EXPRESSIONS) |
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| APRIL | UNIT-1 L-1: The Fun They Had (Prose) The Road Not Taken (Poem) UNIT-2 L-2: The Sound of Music I (Prose) Wind (Poem) | L-1: The Lost Child | Diary Entry | Modals W.B. Unit 1 |
| MAY | UNIT-2 L-2: The Sound of Music II (Prose) | L-2: The Adventures of Toto | Story Writing | Tenses W.B. Unit 2 |
| JUNE | UNIT-3 L-3: The Little Girl (Prose) | | | 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 | | | | |

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| 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 7 |
| 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 8 W.B. Unit 9 |
| Entire syllabus for Annual Examination (April-February) | | | | |

Subject: Hindi

| MONTH | पाठ्यपुस्तक – स्पर्श | पूरक पुस्तक – संचयन | क्रियात्मक | व्याकरण |
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| 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 | अनुस्वार, अनुनासिक |
| JUNE | पाठ - एवरेस्ट मेरी शिखर यात्रा | | | |
| JULY | पाठ - तुम कब जाओगे: अतिथि | | अनुच्छेद लेखन चित्र वर्णन | विराम चिह्न कक्षा गतिविधि – 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, पूरक पुस्तक – गिल्लू। व्याकरण – शब्द और पद, उपसर्ग, प्रत्यय, अनुस्वार, अनुनासिक। क्रियात्मक कार्य – अपठित गद्यांश, अनुच्छेद लेखन, अनौपचारिक पत्र, संवाद लेखन। | | | | |
| AUGUST | पाठ- वैज्ञानिक चेतना के वाहक | स्मृति | संवाद लेखन अनौपचारिक पत्र | स्वर संधि, अर्थ की दृष्टि से वाक्य के भेद |
| SEPTEMBER | 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। | | | | |

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| OCTOBER | काव्य – गीत-अगीत | कल्लू कुम्हार की उनाकोटी | अपठित गद्यांश | अर्थ की दृष्टि से वाक्य के भेद, उपसर्ग, प्रत्यय |
| NOVEMBER | पाठ - शुक्रतारे के समान काव्य – अग्नि-पथ | | संवाद लेखन अनुच्छेद लेखन अनौपचारिक पत्र | अनुस्वार अनुनासिक |
| DECEMBER | | मेरा छोटा-सा निजी पुस्तकालय | चित्र वर्णन | स्वर संधि कक्षा गतिविधि – 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 ।

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| JANUARY | काव्य - नए इलाके में एवं खुशबू रचते हैं हाथ | | अपठित गद्यांश अनुच्छेद लेखन चित्र वर्णन | 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 - 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 | Chapters | Activities / Practicals |
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| APRIL | Ch-1: Number Systems Ch-2: Polynomials | • To construct $\sqrt{7}$ by spiral method. |
| MAY | Ch-2: Polynomials (Contd...) Ch-3: Coordinate Geometry | • To verify the algebraic identity $(a+b+c)^2$ |
| JUNE | Ch-4: Linear Equations in Two Variables | |
| JULY | Ch-4: Linear Equations in Two Variables (Contd...) Ch-5: Introduction to Euclid's Geometry | • To obtain the mirror images with respect to given lines with respect to x-axis and y-axis. |
| Syllabus for Periodic Test-1 (July): Chapter: 1, 2, 3 & 4 | | |
| AUGUST | Ch-6: Lines and Angles Ch-7: Triangles | • To show that the exterior angle of a triangle is equal to the sum of the two interior opposite angles. |
| SEPTEMBER | REVISION | |
| Syllabus for Half Yearly Examination (September): Syllabus for Half Yearly (September): Chapter: 1, 2, 3, 4, 5, 6 & 7 | | |
| OCTOBER | Ch-8: Quadrilaterals | • To verify the Mid-point theorem. |
| NOVEMBER | Ch-9: Circles | • 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. |

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| DECEMBER | Ch-12: Statistics Ch-10: Heron's Formula | |
| Syllabus for Periodic Test-2 (January): Chapter: 8, 9, 10 & 12 | | |
| JANUARY | Ch-11: Surface Areas and Volumes | |
| FEBRUARY | REVISION | |
| Syllabus for Annual Examination: All the Chapters | | |

Subject: Science

| Month | Lessons/ Chapters | Activities/Practicals |
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| 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 <u>BIOLOGY:</u> Ch-6 Tissues | <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. <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. <u>BIOLOGY:</u> 6. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. Drawing of their labelled diagrams. |

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| JULY | <u>PHYSICS:</u> Ch-8 Force and Laws of motion <u>CHEMISTRY:</u> Ch-2 Is Matter Around Us Pure? <u>BIOLOGY:</u> Ch-6 Tissues | <u>CHEMISTRY:</u> 7. 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. |
| Syllabus for Periodic Test-1 (July): <u>PHYSICS:</u> ➤ Ch-7 Motion, Ch-8 Force and Laws of motion (Till 8.3 Inertia and Mass) <u>CHEMISTRY:</u> ➤ Ch-1 Matter in Our Surroundings. <u>BIOLOGY:</u> ➤ Ch-5 The Fundamental Unit of Life. | | |
| AUGUST | <u>PHYSICS:</u> Ch-8 Force and Laws of motion <u>CHEMISTRY:</u> Ch-2 Is Matter Around Us Pure? <u>BIOLOGY:</u> Ch-6 Tissues | <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. |
| SEPTEMBER | Revision | |
| Syllabus for Half Yearly (September): <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>BIOLOGY:</u> ➤ Ch-5. The Fundamental Unit of Life. ➤ Ch-6. Tissues | | |
| OCTOBER | <u>PHYSICS:</u> Ch-9 Gravitation <u>CHEMISTRY:</u> Ch-3 Atoms and Molecules <u>BIOLOGY:</u> Ch-12 Improvement in food resources. | |
| NOVEMBER | <u>PHYSICS:</u> Ch-9 Gravitation Ch-10 Work and Energy <u>CHEMISTRY:</u> Ch-3 Atoms and Molecules <u>BIOLOGY:</u> Ch-12 Improvement in Food Resources | <u>CHEMISTRY:</u> 9. To verify the law of conservation of mass in a chemical reaction. |
| DECEMBER | <u>PHYSICS:</u> | |

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| | Ch-10 Work and Energy CHEMISTRY: Ch-4 Structure of the Atom BIOLOGY: Ch-12 Improvement in Food Resources | |
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Syllabus for Periodic Test-2 (January):

PHYSICS:

- **Ch-9** Gravitation, **Ch-10** Work and Energy (Till 10.2.1 Forms of Energy)

CHEMISTRY:

- **Ch-3** Atoms and Molecules.

BIOLOGY:

- **Ch-12** Improvement in food resources.

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| JANUARY | <u>PHYSICS:</u> Ch-11 Sound <u>CHEMISTRY:</u> Ch-4 Structure of the Atom <u>BIOLOGY:</u> Revision | <u>PHYSICS:</u> 10. Verification of the Laws of reflection of sound. 11. Determination of the speed of a pulse propagated through a stretched string / slinky. |
| FEBRUARY | <u>PHYSICS:</u> Ch-11 Sound <u>CHEMISTRY:</u> Revision <u>BIOLOGY:</u> 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 |
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| 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. The French Revolution Geography 2. Physical Features of India | 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 | DP 2. Constitutional Design 3. Electoral Politics Geography 3. Drainage 4. Climate | Map work: <ul style="list-style-type: none"> Rivers: (The Himalayan River Systems, The Peninsular Rivers, Lakes) |
| SEPTEMBER | Geography 4. Climate | Map work: <ul style="list-style-type: none"> Annual rainfall in India Monsoon wind directions |
| Syllabus for Half Yearly (September) History: 1, 2 Geography: 1, 2, 3, 4 DP: 1, 2, 3 Economics: 2 | | |
| OCTOBER | History 3. Nazism and the Rise of Hitler 5. Pastoralists in the Modern World | Map work: <ul style="list-style-type: none"> Outline Political Map of World (Major countries of Second World War - Axis Powers and Allied Powers) |
| NOVEMBER | Economics 3. Poverty as a challenge DP 4. Working of Institution | |
| DECEMBER | Economics 4. Food Security in India Geography 5. Natural Vegetation and Wildlife (Only Map) | Map work: <ul style="list-style-type: none"> Vegetation Type National Parks Bird Sanctuaries Wildlife Sanctuaries |
| Syllabus for Periodic Test-2 (January): History: 3 DP: 4 Geography: 4, 5 (Only Map) Economics: 3, 4 | | |
| JANUARY | DP 5. Democratic Rights | |
| FEBRUARY | Geography 6. Population | Map work: <ul style="list-style-type: none"> 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 | पाठः १ अविवेकः परमापदां पदम् → 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 | |
| MAY | चित्रवर्णनम् / अनुच्छेदलेखनम् | चित्रवर्णनम् / अनुच्छेदलेखनम् |
| JUNE | → धातुरूपाणि – परस्मैपादेनः (भू, नम्, गम्, अस्, प्रच्छ, कृ, ज्ञा, क्षाल, नी, पा, दृश्, पञ्चलकारेषु), आत्मनेपादेनः (सेव्, लभ्, रुच) (केवलं लट्-लृटलकारयोः) पाठः २ पाथेयम् | पत्रलेखनम् अपठितगद्यांशः |
| JULY | पाठः ३ विजयतां स्वदेशः → कारक-उपपदविभक्तिः – द्वितीया (उभयतः, परितः, समया/निकषा, प्रति, विना), तृतीया – सह/समम्/सार्धम्, विना, अलम्, हीन) चतुर्थी (रुच्, दा-यच्छ, नमः, कुप्, अलं सामर्थ्यं पाठः ४ विद्यया भान्ति सदगुणाः → अव्ययानि – स्थानबोधकानि – अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र कालबोधकानि – यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः | SEA १ |
| Syllabus for Periodic Test-1 उच्चारणस्थानानि, संख्या, प्रत्ययाः, शब्दरूपाणि, धातुरूपाणि, पाठः १ अविवेकः परमापदां पदम्, पाठः २ पाथेयम् पत्रलेखनम्, अपठितगद्यांशः, चित्रवर्णनम् / अनुच्छेदलेखनम् | | |
| AUGUST | पाठः ५ कर्मणा याति संसिद्धिम् → स्वरसन्धिः – दीर्घ, गुण, वृद्धिः, यण्, अयादिः | कथापूर्तैः/ संवादपूर्तैः |
| SEPTEMBER | पुनरावर्तनम् | |
| Syllabus for Half Yearly Examination पाठः १, २, ३, ४, ५ अपठितगद्यांशः, पत्रलेखनम्, चित्रवर्णनम् / अनुच्छेदलेखनम्, कथापूर्तैः/ संवादपूर्तैः, उच्चारणस्थानानि, स्वरसन्धिः, कारक-उपपदविभक्तिः, शब्दरूप, धातुरूप, संख्या, प्रत्ययाः, अव्ययानि | | |
| OCTOBER | → व्यञ्जनसन्धिः – प्रथमवर्णः → तृतीयवर्णः, म् → अनुस्वारः, → विसर्गसन्धिः – उत्त्वम्, शत्वम्, षत्वम्, सत्वम् | SEA - २ |
| NOVEMBER | पाठः ६ तत् त्वम् असि कारक-उपपदविभक्तिः – पञ्चमी (विना, बहिः, भी, रक्ष), षष्ठी (उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः), सप्तमी (स्निह, 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 – पाठः ६, ७, व्यञ्जनसन्धिः, विसर्गसन्धिः, उपपदविभक्तिः, संख्या, प्रत्ययः अपठितगद्यांशः, पत्रलेखनम्, चित्रवर्णनम् / अनुच्छेदलेखनम् | | |
| 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 | | |

Subject: Artificial Intelligence

| Month | Lessons/ Chapters | Activities/Practical |
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| 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. 90) https://next.rockpaperscissors.ai/ 2. Semantris (NLP) (Pg. 92) https://research.google.com/semantris/ 3. AI Writing Tool (NLP) https://app.wordtune.com/ 4. Quick Draw (CV & ML) (Pg. 80) https://quickdraw.withgoogle.com/ 5. Create a combo chart (bar + line) using a data visualization tool like Excel for student performance / Indian population dataset and interpret the results. Student Portfolio: 1. Create a 4WS Problem Canvas for an AI-based Smart Waste Management System 2. Create a System Map using Loopy to identify the relationships in the features related to the performance of students in the class. (Pg. 117) (HHW) |
| MAY | PART A: Unit 2: Self-Management Skills-I PART B: Unit 1: AI Reflection, Project Cycle, and Ethics (Contd.) | Activity: 6. Understanding graphs using https://datavizcatalogue.com/ 7. Teachable Machine: https://teachablemachine.withgoogle.com/train Student Portfolio: 3. Create a Decision Tree based on the rules defined in the dataset. 4. Word Search Activity: Find at least ten words related to Artificial Intelligence from the given crossword |
| JUNE | PART A: Unit 3: ICT Skills-I PART B: Unit 1: AI Reflection, Project Cycle, and Ethics (Contd.) | Activity: 8. Ethics Awareness https://www.moralmachine.net/ Student Portfolio: 5. Create an AI Project Cycle Mapping Template for an AI-based Personalized Education System |
| JULY | PART A: Unit 3: ICT Skills-I (Contd.) PART B: Unit 2: Data Literacy Unit 5: Introduction to Python | Practical File: Python programs based on print and input statements, variables, data types, operators |
| Syllabus for Periodic Test-1 (July) Part A : Unit 1, 2 Part B : Unit 1 | | |
| AUGUST | PART B: Unit 2: Data Literacy (Contd.) Unit 5: Introduction to Python (Contd.) | Practical File: Python programs based on if-else, if-elif-else Student Portfolio: 6. Create a data visualization chart using Tableau based on the dataset provided. OR Interpret the Data Visualization Chart. Activities: • Data visualization & Interactive Data Dashboard Using Tableau Reference Links • https://public.tableau.com/en-us/s/download |
| SEPTEMBER | Revision | |
| Syllabus for Half Yearly (September) Part A : Unit 1, 2, 3 Part B: Unit 1. Unit 2. Unit 5 (upto if..else) | | |

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| OCTOBER | PART A: Unit 4: Entrepreneurial Skills-I Unit 4: Introduction to Generative AI | Hands-on Activity: <ul style="list-style-type: none">• Guess the Real Image vs. the AI-generated image.• Exploring different Generative AI Tools• GAN Paint Student Portfolio: 7. Create a logo/poster using any Generative AI tool. (SDG) |
| NOVEMBER | PART A: Unit 5: Green Skills-I PART B: Unit 5: Introduction to Python | Practical File: Python programs based on loops. |
| DECEMBER | PART B: Unit 3: Math for AI (Statistics & Probability) Unit 5: Introduction to Python (Contd..) | Math Activity: <ul style="list-style-type: none">• Observe the number patterns and find the missing number.• To find connections between sets of images and use them to solve problems. Practical File: Python programs based on lists. |
| Syllabus for Periodic Test-II (January) Part A : Unit 4,5 Part B : Unit 4, 5 (loops) | | |
| January | PART B: Unit 3: Math for AI (Statistics & Probability) (Contd..) Unit 5: Introduction to Python (Contd..) | Statistics Activity: Calculate the mean, median, and mode based on sample tabulation data. Probability Activity: <ul style="list-style-type: none">• Identify the type of event• Calculate the probability of an event |
| February | Revision | |
| Syllabus for Annual Examination: Entire syllabus as per CBSE guidelines | | |

Subject: Theatre

| Month | Lessons/ Chapters | Activities/ Practicals |
|----------------|---|--|
| APRIL | Voice & Speech [Theoretical Aspect] Introduction To World Theatre Costume Design | Voice Modulation, Diction, Intensity, Restraint Pace or Rate, Duration, Tone Colours Costume Making |
| MAY | | |
| JUNE | | |
| JULY | Body Movement & Improvisation [Theoretical Aspect] Script Writing | 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 Advanced Scene Study And Rehearsal | 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] Advanced Acting Techniques Directing And Play Production | Study of Dialects and Intonations. Preparing five - monologues or soliloquies or scenes from classics /modern classics. |

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| 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] Advanced Acting And Character Development | Different body movements of animate and inanimate objects [Individual, pair and in groups] |
| JANUARY | Improvisation [Practical Aspect] Advanced Character Analysis | Improvising a story. Treating a poem as a soliloquy. Complicated yogic exercises in body postures. |
| FEBRUARY | Improvisation [Practical Aspect] Act in Folk & Regional Theatre | Respiration, In lying, sitting and standing. Improvisations based on Stanislavsky's element of an Action viz; Tempo & Rhythm & Emotional Memory |

Subject: Music (Indian Instrumental)

| Month | Lessons/ Chapters | Activities/Practicals |
|-----------------|---|--|
| APRIL | 1. Introduction of Laya. Importance of Laya in music. 2. Types of Laya. Vilambit Laya Madhya Laya Drut Laya. | <ul style="list-style-type: none"> Recitation of Laya with the help of a metronome. Demonstration of Laya using claps and drumsticks. |
| MAY | | |
| JUNE | | |
| JULY | 1. What is Taal? Terminology and construction theory of Taal. 2. Introducing different basic Bol (Varna) of Tabla and pakhawaj. <i>Naa, Taa, Tin, Ka, Kata, Dha, Dhin, tite, tirkite etc.</i> | <ul style="list-style-type: none"> Being able to recite and play basic Bol (Varna) on Tabla. Some creation of basic Bol (Varna) on Tabla congo and Dholak in 4/4 rhythm pattern. |
| AUGUST | 1. Theory: Learn to write and decode the pattern of Taal from Bhatkhande Taal lipi. 2. Taal Keherwa: Full details of Taal in its written format and describing its components. (<i>Taali, Khali, Sam, Khand, Jaati etc.</i>). | <ul style="list-style-type: none"> Taal Keherwa Playing and reciting taal Keherwa on Tabla Learn to play any Patriotic song on Congo and Tabla |
| NOVEMBER | 1. Taal Dadra Full details of Taal in its written format and describing its components. (<i>Taali, Khali, Sam, Khand, Jaati etc.</i>). 2. Learn basic hand movements on Dholak with its Bol (Varna). | <ul style="list-style-type: none"> Playing Taal Dadra on Tabla and Dholak. Some types of Taal Dadra. |
| DECEMBER | 1. Knowledge about layakari Different types of layakari in Taal Dadra and keherwa. 2. Transcription/Theory About types of Baaj (Bandh Baaj and khula Baaj) Live demonstration of Baaj on Tabla. | <ul style="list-style-type: none"> Playing 4/4 patterns on snare drum for March Past. Learn to play 4/4 beat with any song on Tabla Cajon and Congo. |

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| JANUARY | <ol style="list-style-type: none"> Transcription/Theory Introduction of various rhythm instruments Indian and western both. How to tune various Rhythmic Instruments. | <ul style="list-style-type: none"> Recitation of different Bol, Palta, Kayda and Stuti Paran in Teentaal. Different percussion instruments playing along with any light music/Commercial song. Applied theory-based Viva and Ear training exercises. |
| FEBRUARY | Taal Rupak Full details of Taal in its written format and describing its components. (<i>Taali, Khali, Sam, Khand, Jaati etc</i>). | <ul style="list-style-type: none"> Playing Rupak Taal on tabla Learn to accompany on tabla with classical and light music/vocal. |

Subject: Music (Western)

| Month | Lessons/ Chapters | Activities/Practicals |
|----------------|---|--|
| APRIL | <ol 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 English song "Demons"/"Fix you". A basic jingle in C major scale (Both Guitar & Piano) "Twinkle- Twinkle"/ "Happy Birthday" |
| MAY | | |
| JUNE | | |
| JULY | <ol 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 staff notation. (Written music) | <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. A Simple and nice melody by Mozart or Beethoven. |
| AUGUST | <ol 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, A min, 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 | <ol 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 |

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| NOVEMBER | <ol style="list-style-type: none"> 1. Rhythmic: Learning commercial strumming/rhythm pattern suitable for Bollywood songs 2. Melodic: Learning Motivational/inspirational song "Kaandhey pe suraj" 3. 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 "Kaandhey pe suraj"/ "Aashaayein" /"Bandeya" • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation |
| DECEMBER | <ol style="list-style-type: none"> 1. Rhythmic: Revision of commercial strumming/rhythm pattern 2. Melodic: Learning Christmas Carol 3. 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 the world/Silent night. • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation |
| JANUARY | <ol style="list-style-type: none"> 1. Rhythmic: Revision of commercial strumming/rhythm pattern 2. Melodic: Learning motivational/inspirational song "Aashaayein" 3. 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"/"Bandeya". • Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation. |

SUBJECT: Indian Music - Vocal

| Month | Lessons/ Chapters | Activities/Practicals |
|---------------------------|--|--|
| APRIL | Alankar | 7 Aarohi Avarohi paltas with taal (taali, khali) |
| MAY JUNE | Theoretical explanation of musical terminologies. Raag – Bhupali, Durga | Basic knowledge and understanding of Sangeet, Vadi, Samvadi, Jaati, Laya, Aaroh, Avaroh. To Sing Aaroh Avaroh and Pakkad with Swarmalika. Prayer, Bhajan, Dadra. |
| JULY | Songs on patriotism, National anthem/National song. Raag – Sarang Semi Classical composition | 'Bhati me bharatam' 'Bharat maa ki santaney' 'Man samarpit tan samarpit' basic composition, intro, aalaap, sargam and coda. Learning the national anthem and national song from memory with proper pronunciation and pitching. Aaroh avaroh Pakkad and Swarmalika of Sarang. |
| AUGUST | Raag – Kafi | Raag Parichaya with Aaroh Avaroh Pakkad and Swarmalika. |
| SEPTEMBER | Folk/Sugam genre composition | To sing Madhyalaya Bandish in Taal Tritaal. Kajji kya rami aavya, Paras pipla na padhar, Jay jay garvi Gujarat |
| OCTOBER | Taal - Dadra, Tritaal | Taal Parichaya with Khand, Taali, Khali and Bol. |

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| | Raag – Desh Tarana | To sing Aaroh Avaroh Pakkad and Swarmalika with Bandish. Drut Laya Tarana of raag Bageshri |
| NOVEMBER DECEMBER | Revision/Practical exam | To Sing Raag Bhupali, Durga, Sarang, Kafi with Swarmalika and Bandish with Aalap-taan. |
| JANUARY FEBRUARY | Taal – Rupak, Jhaptaal Raag - Khamaj | Taal Parichaya with Khand, Taali, Khali and Bol. To sing Aaroh Avaroh Pakkad and Swarmalika. |

Subject: Dance

| Month | Chapter | Topic |
|-----------------|---|--|
| APRIL | Advanced Contemporary Dance | <ul style="list-style-type: none"> Refining Contemporary Dance Technique Exploring Advanced Expression And Interpretation In Contemporary Dance Learning Complex Contemporary Dance Movements |
| MAY | | |
| JUNE | | |
| JULY | Dance And Culture | <ul style="list-style-type: none"> Exploring The Relationship Between Dance And Culture Creating Dance Piece That Reflects Cultural Heritage |
| AUGUST | Folk Dance | <ul style="list-style-type: none"> Understanding Different Dance Forms And Significance Creating A Piece Of Folk Dance |
| OCTOBER | Indian Classical Dance(Kathak/Bharatnatyam) | <ul style="list-style-type: none"> Basic Steps And Movements Vandana |
| NOVEMBER | Indian Classical Dance Collaboration | <ul style="list-style-type: none"> Understanding The Importance Of Teamwork In Dance |
| DECEMBER | Contemporary Dance | <ul style="list-style-type: none"> Understanding Dance Criticism And Appreciation Analysing Dance Performances (Technique, Expression, Overall Impact) Developing A Critical Perspective On Dance |
| JANUARY | Patriotic Dance | <ul style="list-style-type: none"> Learning A Short Dance Piece |
| FEBRUARY | Dance And Technology With Western Dance Form | <ul style="list-style-type: none"> Exploring The Relationship Between Dance And Technology Understanding How Technology Is Used In Dance (Lighting, Sound, Projection) Creating Dance Piece That Incorporate Technology |

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 patterns with the help of charcoal colours.) (Features: Profile View, Eyes, Nose, Lips and Ears.) | Graphite or Charcoal Pencil A3 size drawing sheet |
| October | 5- Theme: Calligraphy Topic: Study of Calligraphic Strokes in Devanagari and Roman Scripts (To understand the study of calligraphic strokes in Devanagari and Roman script art styles by creating paintings on an A3-size drawing sheet using different colour combinations and calligraphy pens.) | Transparent 5mm glass, glass colours, foil paper |
| November | 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 size drawing sheet.) | Marble papers, fevicol or fevistick, chart paper size drawing sheet |
| December | 7-Theme: coffee painting Topic: Landscape, Figure drawings, Portrait (To learn making various shades and tones to create landscape, figure drawings etc on an A3 size drawing sheet by mixing up different amounts of coffee with water.) | White or light brown drawing sheet, Brush |
| January | 8-Theme: Folk Art. Topic: Paintings of traditional Rajasthani arts, landscapes and Rajasthani village life (To learn to express traditional cultures of Rajasthani folk art Using pencil and poster colours.) | A2 Size Drawing sheet, poster colour |

Subject: Craft

| Month | Lessons/ Chapters | Activities/Practicals |
|----------|---|--|
| APRIL | Topic: <u>Heritage Monuments of India</u> | Cardboard, scissors, Fevicol, Acrylic colours, brushes, craft papers, markers, double sided tape, 2 white chart papers, old newspapers and other decorative materials needed. |
| MAY | Learning to create different heritage monuments of India by using the technique of Collage work or Mosaic work. | |
| JUNE | | |
| JULY | Topic: <u>African Dolls</u> Learning to create best out of waste materials. Creating African dolls by using waste newspapers and decorating it. | Old Newspapers, scissors, Fevicol, craft papers, acrylic colours, brushes, paper tape, double sided tape and other decorative materials needed. |
| AUGUST | Topic: <u>Thread Art</u> Learning to make creative and innovative Artworks by cutting and sticking threads in various different innovative ways that it forms a beautiful costume as an output. | Cardboard base, colourful woolen threads, fevicol, scissors and other decorative materials needed. |
| OCTOBER | Topic: <u>Newspaper crafts</u> Learning to create various structures and patterns by using newspapers. | MDF board (14x14 inc), Old Newspapers, Masking tape, fevicol, acrylic colours, brushes, transparent cello tape and other decorative materials needed. |
| NOVEMBER | Topic: <u>Rangoli Art</u> Learning to create beautiful patterns of Rangoli on a large scale. | 4 MDF Board (any preferable big size and shape), Acrylic colours, brushes, scissors, fevicol, craft papers, stones, pearls, mirrors and any other decorative materials needed. |
| DECEMBER | Topic: <u>Lippan Art</u> Learning to do a traditional art form of Mud and Mirror on any article using clay and mirrors. | Any one Wooden Tray/Empty Cardboard Box/ Wall mirror/Canvas board (12x12), Fevicyl Mould it clay, Talcum powder, fevicol, brushes, acrylic colours, small mirrors (square or circle or diamond shaped), Modge Podge and other decorative materials needed. |
| JANUARY | Topic: <u>Embossed Art</u> Learning to do Embossed and 3D art on canvas and creating an attractive artwork. | Canvas Board (14x14 inc), Fevicyl Mould it clay, Talcum Powder, Fevicol, acrylic colours, Brushes, Modge Podge and other decorative materials needed. |