**HERITAGE CHILDREN ACADEMY**

**MONTHLY & EXAM WISE SYLLABUS BIFURCATION (2025-26)**

**CLASS – X**

**ENGLISH**

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | **First Flight:-**   1. A letter to God 2. Nelson Mandela - Long Walk to Freedom   **Footprints without Feet:-**   1. A Triumph of Surgery |
| MARCH | - | - | 20 | **First Flight:-**   1. Stories About Flying   **Poems**   1. Dust of Snow 2. Fire and Ice   **Footprints without Feet:-**   1. The Thief's Story   **Grammar and Writing**  Letter writing Editor and Complanit. |
| APRIL | 21 | 20 | 21 | **First Flight:-**   1. From the Diary of Anne Frank   **Poems**   1. A Tiger in the Zoo 2. How to Tell Wild Animals   **Grammar and Writing**  Gap-Filling and Editing |
| MAY | 20 | 20 | 20 | PT01  **First Flight:-**   1. Glimpses of India 2. Mijbil the Otter   **Poems**   1. The Ball Poem   **Footprints without Feet:-**   1. The Midnight Visitor |
| JUNE | - | - | 05 | **Grammar and Writing**  Analytical Paragraph |
| JULY | 25 | 25 | 25 | **First Flight:-**   1. Madam Rides the Bus   **Poem:-**   1. Amanda! 2. The Tree   **Footprints without Feet:-**   1. A Question of Trust 2. Footprints Without Feet   **Grammar and Writing**  Sentence Transformation  (Reported speech   * + Commands and requests   + Statements   + Questions) |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | **PT02**  **First Flight:-**   1. The Sermon at Benares   **Poem:-**   1. Fog   **Footprints Without Feet:-**   1. The Making of a Scientist |
| SEPTEMBER | 08 REV | 8REV | 24 | **First Flight:-**   1. The Tale of Custard the Dragon   **Footprints Without Feet:-**   1. Bholi 2. The Necklace   **Grammar and Writing**  Letter writing (Placing Order and Inquiry) |
| OCTOBER | 20 | 20 | 14 | **First Flight:-**   1. The Proposal (Play)   **Poem:-**  For Anne Gregory  **Footprints Without Feets:-**   1. The Book That Saved the Earth |
| NOVEMBER | 22 | 22 | 22 |  |
| DECEMBER | 25 | 25 | 08 |  |
| JANUARY | 15 REV | 15REV | - |  |
| PT-1 | **Reading:-** unseen Passage  **Writing and Grammar:-** Gap-Filling, Letter Writing (Editor)  **First Flight**  Chapter01:- A Letter to God  Chapter02:- Nelson Mandels  Chapter03:- Two stories about Flying  Poem01:- Dust of Snow  Poem02:- Fire and Ice  Poem03:- A Tiger in the zoo  **Footprints Without Feet:-:-** Chapter01:- A Triumph of Surgery  Chapter02:- The Thief's Story | | | |
| PT-2 | **Reading:-** Unseen Passage  **Writing and Grammar:-** Editing, Analytical Paragraph  **First Flight**  Chapter04:- From the Diary of Anne Frank  Chapter05:- Glimpses of India  Chapter06:- Mijbil the Otter  Poem04:- How to Tell Wild Animals  Poem05:- The Ball Poem  Poem06:- Amanda  **Footprints Without Feet:-** Chapter03:- The Midnight Visitor  Chapter04:- A Question of trust | | | |
| PT-3 | **Reading:-** Unseen Passage  **Writing and Grammar:-** Sentence Transformation Letter Writing (Complaint)  **First Flight**  Chapter08:- Sermon At Banares  Chapter07:- Madam Rides the Bus  Poem07:- The Trees  Poem08:- Fog  Poem09:- The Tale of Custard the Dragon  **Footprints Without Feet:-** Chapter05:- Footprints Without Feet  Chapter06:- The Making of Scientist | | | |
| PB 1+2+3 |  |  |  | Complete syllabus. |

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | व्याकरण - पाठ - 1 रचना के आधार पर वाक्य भेद, पाठ - 3 पद - परिचय |
| MARCH | - | - | 20 | काव्य खंड - पाठ - 1पद, पाठ - 2 राम - लक्ष्मण, परशुराम संवाद  गद्य खंड - पाठ - 1 नेता जी का चश्मा , पाठ - 2 बाल गेविन भगत |
| APRIL | 21 | 20 | 21 | कृतिका - पाठ 1 माता का आंचल,  अपठित बोध  लेखन - अनुच्छेद, पत्र (औपचारिक अनौपचारिक) |
| MAY | 20 | 20 | 20 | गद्य खंड - पाठ - 3 लखनवी अंदाज, पाठ - 4 एक कहानी यह भी  काव्य खंड - पाठ - 3 आत्मकथ्य, पाठ - 4 उत्साह, अट नहीं रही है  अपठित बोध |
| JUNE | - | - | 05 | लेखन - स्ववृत्त लेखन |
| JULY | 25 | 25 | 25 | कृतिका - पाठ - 2 साना - साना हाथ जोड़ी  व्याकरण - पाठ- 3 वाच्य  लेखन - ई - मेल , अपठित बोध |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | गद्य खंड - नौबत खाने में इबादत, पाठ - 6 संस्कृति काव्य खंड- पाठ - 5 यह दंतुरित मुस्कान |
| SEPTEMBER | 08 REV | 8REV | 24 | काव्य खंड - पाठ - 6 संगतकार,  कृतिका - पाठ - 3 मै क्यों लिखता हूं  व्याकरण - पाठ - 4 अलंकार  लेखन - विज्ञापन लेखन |
| OCTOBER | 20 | 20 | 14 | लेखन - संदेश लेखन |
| NOVEMBER | 22 | 22 | 22 | पुनः कार्य |
| DECEMBER | 25 | 25 | 08 | पुनः कार्य |
| JANUARY | 15 REV | 15REV | - |  |
| PT-1 | अपठित बोध  गद्य खंड - पाठ - 1 नेताजी का चश्मा , पाठ - 2 बाल गोविंद भगत  काव्य खंड- पाठ - 1 सूरदास के पद, पाठ - 2 राम - लक्ष्मण ,परशुराम संवाद  कृतिक- पाठ- 1 माता का आंचल  व्याकरण - पाठ - 1 रचना के आधार पर वाक्य भेद  लेखन- अनुच्छेद लेखन ,औपचारिक- अनौपचारिक पत्र | | | |
| PT-2 | अपठित बोध  गद्य खंड- पाठ - 3 लखनवी अंदाज , पाठ - 4 एक कहानी यह भी  काव्य खंड - पाठ - 3 आत्मकथा, पाठ - 4 उत्साह , अट नहीं रही है  कृतिका- पाठ - 2 साना - साना हाथ जोड़ी व्याकरण- पाठ - 2 वाच्य, पाठ - 3 पद परिचय  लेखन - स्ववृत लेखन, ई- मेल लेखन | | | |
| PT-3 | अपठित बोध  गद्य खंड- पाठ - 5 नौबत खाने में इबादत , पाठ - 6 - संस्कृति  काव्य खंड- पाठ - 5 यह दंतुरित मुस्कान , पाठ - 6 संगतकार  कृतिक- पाठ - 3 मैं क्यों लिखता हूं  व्याकरण - पाठ- 4 अलंकार  लेखन - विज्ञापन लेखन, संदेश लेखन | | | |
| PB 1 | संपूर्ण पाठ्यक्रम | | | |
| PB 2 |
| PB 3 |

**MATHEMATICS**

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** | **PRACTICAL** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | Chapter -1 Real Numbers  Chapter - 2 Polynomials | Activity - 1 To draw graph of a quadratic polynomial. |
| MARCH | - | - | 20 | Chapter -3 Pair of linear equations in two variables | Activity - 2 To identify arithmetic progression is some given list of numbers. |
| APRIL | 21 | 20 | 21 | Chapter -4 Quadratic equations  Chapter-5 Arithmetic progressions (Ex 5.1 & Ex 5.2) | Activity -3 To find the sum of first n naturat numbers.  Activity - 4  Activity -5 |
| MAY | 20 | 20 | 20 | Chapter -5 Arithmetic progressions Cont. Ex 5.3  Chapter -6 Triangles | Activity -6 To establishe a formula for the sum of first n terms of an arithmetic progression.  Activity -7  Activity - 8  Activity - 9  Activity -10 |
| JUNE | - | - | 05 | Chapter -7 Coordinate Geometry Ex 7.1 | Activity - 11 To verify the distance formula by graphical method. |
| JULY | 25 | 25 | 25 | Chapter -7 Coordinate Geometry Ex 7.2  Chapter - 8 Introduction to trigonometry  Chapter -9 Some applications of trigonometry | Activity -12 To verify the section formula by graphical method.  Activity -13 To find the height of a building using a clinometer. |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | Chapter - 10 Circles  Chapter - 11 Areas related to circles | Activity -14  Activity -15 To find the number of tangents from a point to the circle. |
| SEPTEMBER | 08 REV | 8REV | 24 | Chapter - 12 Surface areas and volumes | Activity-16 |
| OCTOBER | 20 | 20 | 14 | Chapter - 13 Statistics  Chapter -14 Probability | Activity - 17  Activity -18 |
| NOVEMBER | 22 | 22 | 22 | - | - |
| DECEMBER | 25 | 25 | 08 | - | - |
| JANUARY | 15 REV | 15REV | - | - | - |
| PT-1 | Chapter 1 Real Numbers  Chapter 2 Polynomials  Chapter 3 Pair of Linear Equations in Two Variables  Chapter 4 Quadratic Equations | | | | |
| PT-2 | Chapter 5 Arithmetic Progressions  Chapter 6 Triangles  Chapter 7 Coordinate Geometry  Chapter 8 Introduction to Trigonometry | | | | |
| PT-3 | Chapter 9 Some Applications of Trigonometry  Chapter 10 Circles  Chapter 11 Areas Related to Circles  Chapter 12 Surface Areas and Volumes | | | | |
| PRE-BOARD1,2 & 3 | Chapter 1 Real Numbers Chapter 2 Polynomials  Chapter 3 Pair of Linear Equations in Two Variables  Chapter 4 Quadratic Equations Chapter 5 Arithmetic Progressions  Chapter 6 Triangles Chapter 7 Coordinate Geometry  Chapter 8 Introduction to Trigonometry  Chapter 9 Some Applications of Trigonometry Chapter 10 Circles  Chapter 11 Areas Related to Circles Chapter 12 Surface Areas and Volumes  Chapter 13 Statistics Chapter 14 Probability | | | | |

**PHYSICS**

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| Month | Number of working days | Chapter no. And name | Experiment no. And objectives |
| February | 16 | Ch11 Electricity½ |  |
| March | 20 | Ch11 Electricity ½ | Experiment 4. Study the dependence of potential difference (V) across a resistor on the current. |
| April | 21 | Ch12 Magnetic effects of electric current.½ |  |
| May | 20 | Ch12 Magnetic effects of electric current.½ |  |
| June | 05 | Ch12 Magnetic effects of electric current. |  |
| July | 25 | Ch09 Light (Reflection)½ | Experiment 10(a) To determine the focal length of a concave mirror by obtaining the image of a distant object. |
| August | 22 | Ch09 Light ( Refraction)½ | Experiment 10(b) To determine the focal length of a convex lens by obtaining the image of a distant object.  **Experiment**  11. Today’s trace the path of a light passing through a rectangular glass slab for different angles of incidence.Measure the angle of incidence, angle of refraction and angle of emergence and interpret the result. |
| September | 24 | Ch10 Human eye and colourful world ½ |  |
| October | 14 | Ch10 Human eye and colourful world.½ | Experiment 13 . To trace the path of the ray of light through a glass prism. |
| November | 22 | Revision for pre board 1 |  |
| December | 08 | Doubts classes |  |
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| PT 1 | Ch11 Electricity | |  |
| PT 2 | Ch12 Magnetic effects of electric current. | |  |
| PT 3 | Ch09 Light (Reflection and Refraction) | |  |
| Pre board 1 | Ch09 Light (Reflection and Refraction)  Ch10 Human eye and colourful worlds.  Ch11 Electricity  Ch12 Magnetic effects of electric current. | |  |
| Pre board 2 | Ch09 Light (Reflection and Refraction)  Ch10 Human eye and colourful worlds.  Ch11 Electricity  Ch12 Magnetic effects of electric current. | |  |
| Pre board 3 | Ch09 Light (Reflection and Refraction)  Ch10 Human eye and colourful worlds.  Ch11 Electricity  Ch12 Magnetic effects of electric current. | |  |

**CHEMISTRY**

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** | **PRACTICAL** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | Ch 01 – Chemical reaction and equations (half) |  |
| MARCH | - | - | 20 | Ch 01 – Chemical reaction and equations (half) |  |
| APRIL | 21 | 20 | 21 | Ch 02 – Acids, Bases and Salts (half) | Ex.1. (a) To find the pH of the following samples by using pH paper / universal indicator.  (a)Dil HCl  (b)Dil NaOH (c) Dil CH3COOH (d)Lemon juice (e)Water (f) Dil hydrogen carbonate sol. |
| MAY | 20 | 20 | 20 | Ch 02 – Acids, Bases and Salts (half) | (b) To study the properties of an acid (dil HCl) on the basis of its reaction with  (a)Litmus sol. Blue & red (b) Zinc metal (c) Solid Na2CO3  (C) To study of properties of a base (dil NaOH) on the basis of its reaction with  (a)Litmus sol. Blue & red (b) Zinc metal (c) Solid Na2CO3 |
| JUNE | - | - | 05 |  | Summer vacations |
| JULY | 25 | 25 | 25 | Ch 03 Metals and non- metals (half) | Ex.2. (a) To perform and observe the action of water on quicklime and classify the reaction.  (b) To perform and observe the action of heat on ferrous sulphate crystal and classify the reaction. |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | Ch 03 Metals and non- metals (half) | (c)To perform and observe the reaction of iron nails kept in copper sulphate sol. and classify the reaction.  (d) To perform and observe the reaction between sodium sulphate and barium chloride sol. and classify the reaction. |
| SEPTEMBER | 08 REV | 8REV | 24 | Ch 04 Carbon and its compounds (half) |  |
| OCTOBER | 20 | 20 | 14 | Ch 04 Carbon and its compounds (half) | Ex.3. (a) To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions:  (i)ZnSO4 (ii) FeSO4 (iii) CuSO4 (iv)Al2(SO4)3  (b) To arrange Zn, Fe, Cu, and Al metals in the decreasing order or reactivity based on the above results. |
| NOVEMBER | 22 | 22 | 22 |  |  |
| DECEMBER | 25 | 25 | 08 |  |  |
| JANUARY | 15 REV | 15REV | - |  |  |
| PT-1 | Ch 01 – Chemical reaction and equations | | | |  |
| PT-2 | Ch 02 – Acids, Bases and Salts | | | |  |
| PT-3 | Ch 03 Metals and non- metals  Ch 04 Carbon and its compounds | | | |  |
| PT-4 / PB-1 | Ch 01 – Chemical reaction and equations  Ch 02 – Acids, Bases and Salts  Ch 03 Metals and non- metals  Ch 04 Carbon and its compounds | | | |  |
| HE/ PB-2 | Ch 01 – Chemical reaction and equations  Ch 02 – Acids, Bases and Salts  Ch 03 Metals and non- metals  Ch 04 Carbon and its compounds | | | |  |

**BIOLOGY**

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** | **PRACTICAL** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | Ch 5 Life processes ( Half) | —-- |
| MARCH | - | - | 20 | Ch 5 Life processes continued | —-+ |
| APRIL | 21 | 20 | 21 | Ch 6 Control and co- ordination (;Half) | To prepare a temporary mount of a leaf peel to study stomata. |
| MAY | 20 | 20 | 20 | Ch 6 Control and co- ordination | To study binary fission in Amoeba and budding in yeast through permanent slides. |
| JUNE | - | - | 05 | Revision plus vacations | …. |
| JULY | 25 | 25 | 25 | Ch 7;How do organism reproduce( half) | To show experimentally that carbon dioxide is given out during respiration.. |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | Ch 7 How do organism reproduce | To show experimentally that light is necessary for photosynthesis.. |
| SEPTEMBER | 08 REV | 8REV | 24 | Exams |  |
| OCTOBER | 20 | 20 | 14 | Ch 8 Heridity  Ch 13 Our environment |  |
| NOVEMBER | 22 | 22 | 22 |  |  |
| DECEMBER | 25 | 25 | 08 | Revision |  |
| JANUARY | 15 REV | 15REV | - | Revision |  |
| PT-1 | Ch 5 Life processes | | | | |
| PT-2 | Ch 6 Control and co- ordination | | | | |
| PT-3 | Ch 7 How do organism reproduce | | | | |
| Pre board 1 | Overall syllabus | | | | |
| Preboard 2 | Overall syllabus | | | | |
| Preboard 3 | Overall syllabus | | | | |

**SOCIAL SCIENCE**

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| **MONTHS** | **No. of Working days** | | | **SYLLABUS** |
| IX | XI | X & XII |
| FEBRUARY | - | - | 16 | Chap01 (Civ)Power Sharing, Chap01 (Geo) Resources and Development |
| MARCH | - | - | 20 | Chap01 (His) The rise of Nationalism in Europe,Chap01 (Eco) Development |
| APRIL | 21 | 20 | 21 | Chap02 (Geo) Forest and Wildlife resources , Chap02 (Civ) Federalism |
| MAY | 20 | 20 | 20 | Chap02 (Eco) Sectors of Indian economy Chap02 (His) Nationalism in India |
| JUNE | - | - | 05 | Chap03 (Eco) Money and credit |
| JULY | 25 | 25 | 25 | Chap03 (Geo) Water resources,Chap03 (Civ) Gender Religion and Caste Chap04 (Geo) Agriculture |
| AUGUST | 22 (7REV) | 22 (7REV) | 22 | Chap03 (His) The making of Global world , Chap05( Geo) Minerals and energy resources |
| SEPTEMBER | 08 REV | 8REV | 24 | Chap 04 (Civ) Political parties, Chap05 (Civ) Outcomes of democracy Chap06 (Geo) Manufacturing industries |
| OCTOBER | 20 | 20 | 14 | Chap04(Eco) Globalisation and the Indian Economy, Chap05 (His) Print Culture and the modern world |
| NOVEMBER | 22 | 22 | 22 | Chap05 (His) Continue  Chap07(Geo) Lifelines of Indian economy |
| DECEMBER | 25 | 25 | 08 |  |
| JANUARY | 15 REV | 15REV | - |  |
| PT-1 | His.Chap01. Eco. Chap01  Civic Chap01 ,02. Geo chap01 ,02 | | | |
| PT-2 | His.Chap 02. Civic 03  Eco Chap 02, 03 Geo Chap 03,04 | | | |
| PT-3 | His. Chap 03 ,05 Civics 04 ,05  Geo. Chap 05 ,06. Eco Chap 04 | | | |

**INFORMATION TECHNOLOGY**

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| **MONTHS** | **Working Days** | **SYLLABUS** |
| February | 16 | Part: A Employability Skills  Unit: 1 Communication Skills, |
| March | 20 | Part: A Employability Skills  Unit: 2 Self – Management Skills |
| April | 21 | Part: B Subject Specific Skills  Unit : 1 Digital Documentation (advanced) |
| May | 20 | Part: A Employability Skills  Unit 3: ICT Skills  Unit 4: Entrepreneurial Skills |
| July | 25 | Part: B Subject Specific Skills  Unit: 2 Electronic Spreadsheet (advanced)  Part: A Employability Skills  Unit 4: Entrepreneurial Skills (To be continued) |
| August | 22 | Part: B Subject Specific Skills  Unit 3: Database Management System |
| September | 24 | Part: B Subject Specific Skills  Unit 4: Maintain Health, Safe and Secure Working Environment |
| October | 14 | Part: A Employability Skills  Unit 5: Green Skills |
| Pre-boards |  | **Pre-boards**  Full syllabus according to CBSE curriculum of Information Technology[402] 2024-25 |