

Class – IX

Subject – English

Prescribed Books : (1) Beehive - for Class - IX

(2) Moments - Supplementary Reader for Class - IX

| Months | Working Days | Book/ Area | Unit / Chapter   |
|--------|--------------|------------|--|
| April  | 19           | Beehive    | 1. The Fun They Had<br>2. The Sound of Music (Part I and II)<br>3. The Road Not Taken (Poem) |
|        |              | Moments    | 1. The Lost Child  |
|        |              | Grammar    | 1. Determiners   |
|        |              | Writing    | 1. Diary Entry   |
| May    | 15           | Beehive    | 1. The Little Girl<br>2. Wind (Poem)   |
|        |              | Moments    | 1. The Adventures of Toto  |
| June   | 14           | Beehive    | 1. A Truly Beautiful Mind  |
|        |              | Moments    | 1. Iswaran - The Storyteller   |
|        |              | Grammar    | 1. Prepositions  |
|        |              | Writing    | 1. Factual Description - Person  |
| July   | 22           | Beehive    | 1. The Snake and the Mirror<br>2. Rain on the Roof (Poem)                                    |
|        |              | Moments    | 1. In the Kingdom of Fools<br>2. The Happy Prince  |
|        |              | Grammar    | 1. Tenses  |
|        |              | Writing    | 1. Article   |

| Months | Working Days | Book/ Area                        | Unit / Chapter   |
|--------|--------------|-----------------------------------|--|
| August | 22           | Beehive<br><br>Grammar<br>Writing | 1. My Childhood<br>2. The Lake Isle of Innisfree (Poem)<br>3. A Legend of the North Land (Poem)<br>1. Use of Passive Voice<br>1. Factual Description - Place<br>2. Story Writing                   |
| Sept.  | 21           | Beehive<br>Moments<br><br>Grammar | 1. No Men Are Foreign (Poem)<br>1. Weathering the Storm in Ersama<br><b>Revision for Half Yearly Exam</b><br>1. Reported Speech<br>(i) Commands and Requests<br>(ii) Statements<br>(iii) Questions |
| Oct    | 18           | Beehive<br><br>Moments<br>Grammar | 1. Packing<br>2. The Duck and the Kangaroo (Poem)<br>1. The Last Leaf<br>1. Clauses<br>(i) Noun Clauses<br>(ii) Adverb Clauses of Condition and Time<br>(iii) Relative Clauses                     |

| Months | Working Days | Book/ Area                                   | Unit / Chapter   |
|--------|--------------|--|--|
| Nov    | 16           | Beehive<br><br>Writing                       | 1. Reach for the Top (Part I and II)<br>2. On Killing a Tree (Poem)<br><br>1. Factual Description - Event                      |
| Dec    | 24           | Beehive<br><br>Moments<br>Grammar<br>Writing | 1. The Bond of Love<br>2. Kathmandu<br><br>1. A House Is Not a Home<br><br>1. Modals<br><br>1. Factual Description - Situation |
| Jan    | 16           | Beehive<br><br>Moments<br>Grammar            | 1. If I Were You<br>2. A Slumber Did My Spirit Seal (Poem)<br><br>1. The Beggar<br><br>1. Subject - Verb Agreement             |
| Feb    | 21           | Beehive<br>Moments                           | 1. The Snake Trying (Poem)<br><br>1. The Accidental Tourist<br><br><b>Revision for Annual Examination</b>                      |

PORTION FOR MONDAY TEST

| Test              | Date       | Portion  |
|-------------------|------------|--|
| Monday Test - I   | 17.04.2023 | <b>Reading -</b> Unseen Passage<br><b>Writing -</b> Diary Entry<br><b>Grammar -</b> Determiners (Articles)<br><b>Literature</b><br><b>Beehive -</b> The Fun They Had<br>The Road Not Taken (Poem)  |
| Monday Test - II  | 26.06.2023 | <b>Reading -</b> Unseen Passage<br><b>Writing -</b> Factual Description - Person<br><b>Grammar -</b> Determiners, Prepositions<br><b>Literature</b><br><b>Beehive -</b> The Sound of Music (Part I & II)<br>Wind (Poem)<br><b>Moments -</b> The Lost Child |
| Monday Test - III | 21.08.2023 | <b>Reading -</b> Unseen Poem<br><b>Writing -</b> Article Writing<br><b>Grammar -</b> Use of Passive Voice<br><b>Literature</b><br><b>Beehive -</b> The Snake and the Mirror<br>Rain on the Roof (Poem)<br><b>Moments -</b> Ishwaran - The Storyteller      |
| Monday Test - IV  | 06.11.2023 | <b>Reading -</b> Unseen Passage<br><b>Writing -</b> Factual Description - Place<br><b>Grammar -</b> Tenses<br><b>Literature</b><br><b>Beehive -</b> Reach for the Top (Part I & II)<br>On Killing a Tree (Poem)<br><b>Moments -</b> The Last Leaf          |

| माह     | कार्य दिवस | स्पर्श भाग - 1   | संचयन भाग - 1 | व्याकरण / लेखन  | अतिरिक्त विषय- सामग्री       |
|---------|------------|--|---------------|---|------------------------------|
| नवम्बर  | 16         | अग्निपथ  |               | पत्र-लेखन<br>(अनौपचारिक)<br>पुनरावृत्ति (शब्द एवं पद, अनुस्वार एवं अनुनासिक)      | समरूपी<br>भिन्नार्थक<br>शब्द |
| दिसम्बर | 24         | कीचड़ का काव्य,<br>नए इलाके में,<br>खुशबू रचते हैं हाथ |               | अनुच्छेद-लेखन<br>चित्र-वर्णन<br>पुनरावृत्ति<br>(उपसर्ग एवं प्रत्यय,<br>स्वर संधि) | वाक्यांश के<br>लिए शब्द      |
| जनवरी   | 16         | शुक्रतारे के समान                                      | पुनरावृत्ति   | पुनरावृत्ति<br>(विराम- चिह्न,<br>अर्थ के आधार पर<br>वाक्य-भेद)                    | विज्ञापन-<br>लेखन            |
| फरवरी   | 21         | वार्षिक परीक्षा हेतु पुनरावृत्ति                       |               |   |                              |

**टिप्पणी :-**

(केन्द्रीय माध्यमिक शिक्षा परिषद के आगामी निर्देशों (2023-24) के अंतर्गत परिवर्तनशील)

## सोमवारीय परीक्षा हेतु पाठ्यक्रम

| क्र० | सोमवारीय परीक्षा दिनांक | पाठ्यक्रम  |
|------|-------------------------|--|
| 01.  | 08.05.2023              | अपठित गद्यांश, दुख का अधिकर, गिल्लू, शब्द एवं पद   |
| 02.  | 24.07.2023              | अपठित गद्यांश, रैदास के पद, एवरेस्ट : मेरी शिखर यात्रा, अनुस्वार एवं अनुनासिक, उपसर्ग एवं प्रत्यय                                    |
| 03.  | 09.10.2023              | अपठित गद्यांश, तुम कब जाओगे, अतिथि, गीत-अगीत, कल्लू कुम्हार की उनाकोटी, विराम-चिह्न, अर्थ की दृष्टि से वाक्य-भेद                     |
| 04.  | 11.12.2023              | अपठित गद्यांश, वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रामन् , अग्निपथ, मेरा छोटा-सा निजी पुस्तकालय, स्वर संधि, उपसर्ग एवं प्रत्यय |

**कक्षा - नवमी****विषय - संस्कृतम्****पाठ्यपुस्तकानि :-**

1. शेषुषी - भागः -1 (एन.सी.ई.आर.टी.)
2. संस्कृत व्याकरण भाग - 1 (सरस्वती प्रकाशन)

| माह    | कार्य दिवस | विषयवस्तु  | अतिरिक्त पाठ्य सामग्री |
|--------|------------|--|------------------------|
| अप्रैल | 19         | शेषुषी भाग 1 - भारतीयसन्तगीतिः<br>रचनाकार्यम् - पत्रलेखनम् , चित्रवर्णनम् ,<br>संस्कृतभाषायाम् अनुवादकार्यम्।<br>स्वरसन्धिः - दीर्घ, गुण, वृद्धि, यण, अयादि।<br>शब्दरूपाणि - बालक, लता, साधु, नदी, अस्मद्,<br>युष्मद्।<br>धातुरूपाणि - पठ् , गम् , वद् , भू , क्रीड् , नी  | संस्कृत-समयः           |
| मई     | 15         | शेषुषी भाग 1 - स्वर्णकाकः<br>प्रत्ययाः - क्त्वा, तुमुन् , क्तवतु।<br>संस्कृतसंख्या - 1 तः 20 पर्यन्तम् (1 तः 4<br>पर्यन्तम् केवलम् प्रथमा विभक्तौ)<br>अव्ययपदानि - स्थानबोधकानि- अत्र, तत्र, अन्यत्र,<br>सर्वत्र, यत्र, एकत्र, उभयत्र<br>उपसर्गाः - प्र, परा, अप, सम् , अनु, अव, निस् ,<br>निर् , दुस् , दूर , वि<br>उपपदविभक्तिः - द्वितीया- उभयतः, धिक् , परितः,<br>समया, निकषा, प्रति, विना | संस्कृत-समयः           |
| जून    | 14         | शेषुषी भाग 1 - भ्रान्तो बालः, अपठितगद्यांशः<br>चित्रवर्णनम् च।<br>उपपदविभक्तिः - तृतीया-सह, साकम् , सम्पम् ,<br>सार्धम् , विना, अलम् , सदृश , हीन।   |                        |

| माह     | कार्य दिवस | विषयवस्तु  | अतिरिक्त पाठ्य सामग्री |
|---------|------------|--|------------------------|
| जुलाई   | 22         | शेमुषी भाग 1 - सिकतासेतुः।<br>व्यंजनसन्धिः - जश्त्व, 'प्' स्थाने अनुस्वारः<br>उपपदविभक्तिः - चतुर्थी- रुच् , दा, (यच्छ) नमः,<br>कृप्, स्वस्ति<br>संस्कृत संख्या - 1 तः 100 पर्यन्तम्<br>अव्ययपदानि - कालबोधकानि- यदा, तदा, सर्वदा,<br>एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः<br>रचनाकार्यम् - पत्रलेखनम् , चित्रवर्णनम् ,<br>संस्कृतभाषायाम् अनुवादकार्यम्। | कर्मवाच्यम्            |
| अगस्त   | 22         | शेमुषी भाग 1 - गोदोहनम् , सूक्तिमौक्तिकम् ।<br>विसर्गसन्धिः - उत्त्वम् , रत्वम् , सत्वम्<br>हलन्तशब्दरूपाणि - मातृ , पितृ , राजन् , भवत् ,<br>विद्वस् , गुणिन्<br>धातुरूपाणि - दा, क्री, श्रु, पा, सेव् , लभ् ,<br>(पंचसु लकारेषु)<br>उपपदविभक्तिः - पंचमी- विना, बहिः, भी, रक्ष् ,<br>ऋते   | भाववाच्यम्             |
| सितम्बर | 21         | अर्द्धवार्षिक - परीक्षा  |                        |
| अक्टूबर | 18         | शेमुषी भाग 1 - जटायोः शौर्यम्।<br>प्रत्ययाः - ल्यप् , शतृ , शानच् , क्त।<br>उपपदविभक्तिः - षष्ठी- उपरि, अधः, पुरतः ,<br>पृष्ठतः , निर्धारणे  |                        |



| माह     | कार्य दिवस | विषयवस्तु   | अतिरिक्त पाठ्य सामग्री |
|---------|------------|---|------------------------|
| नवम्बर  | 16         | शेमुषी भाग 1 - पर्यावरणम्।<br>उपपदविभक्तिः - सप्तमी- स्निह् , निपुण, विश्वस्<br>पटु<br>शब्दरूपाणि - तत् , इदम् , किम् , (त्रिषु लिंगेषु)<br>धातुरूपाणि - पठ् , गम् , वद् , भृ , क्रीड् , नी,<br>दृश् , शक् , ज्ञा, कृ (पंच-लकारेषु) | द्वन्द-समासः           |
| दिसम्बर | 24         | शेमुषी भाग 1 - वांगमनः प्राणस्वरूपम्।<br>उपसर्गाः - वि, आंङ् , नि, अधि, अपि, अति, सु ,<br>उत् , अभि, परि, उप<br>अव्ययपदानि - प्रश्नबोधकानि- किम् , कृत्र, कति,<br>कदा, कुतः, कथम् , किमर्थम्  | अव्ययीभाव समासः        |
| जनवरी   | 16         | रचनाकार्यम् - संस्कृतभाषायाम् अनुवादकार्यम्<br>अनुच्छेदलेखनम् च।<br>अव्ययपदानि - च, अपि, यदि, तर्हि,<br>यथा, तथा, सम्यक् , एव, इत्यादि  |                        |
| फरवरी   | 21         | पुनरावृत्तिः - समस्त पाठों की पुनरावृत्ति एवं<br>वार्षिकपरीक्षा का आदर्शाभ्यास  |                        |
| मार्च   |            |   |                        |

**सोमवारीय- परीक्षायाः पाठ्यक्रमः**

| क्र० | सोमवारीय परीक्षायाः दिनांक | पाठ्यक्रमः   |
|------|----------------------------|--|
| 01.  | 08.05.2023                 | शेमुषी भाग 1 - भातीवसन्तगीतिः , स्वर्णकाकश्च ।<br>रचनाकार्यम् - पत्रलेखनम् , चित्रवर्णनम् ,<br>संस्कृतभाषायाम् अनुवादकार्यम् ।<br>व्याकरण - स्वरसन्धिः, शब्दरूपाणि, परस्मैपदी<br>धातुरूपाणि, प्रत्ययश्च ।  |
| 02.  | 24.07.2023                 | शेमुषी भाग 1 - भान्तो बालः , सिकतासेतुश्च ।<br>रचनाकार्यम् - पत्रलेखनम् ।<br>व्याकरण - व्यंजनसन्धिः, संस्कृतसंख्या, अव्ययपदानि,<br>अजन्त शब्दरूपाणि, आत्मनेपदी, धातुरूपाणि,<br>द्वितीया तृतीया उपपदविभक्तिश्च ।  |
| 03.  | 09.10.2023                 | शेमुषी भाग 1 - गोदोहनम् , सूक्तिमौक्तिकम् च ।<br>रचनाकार्यम् - चित्रवर्णनम् ।<br>व्याकरण - विसर्गसन्धिः, संस्कृतसंख्या, अव्ययपदानि,<br>शब्दरूपाणि, परस्मैपदी, आत्मनेपदी<br>धातुरूपाणि, चतुर्थी, पंचमी, उपपदविभक्तिः,<br>ल्यप् , शतृ , शानच् क्त प्रत्ययाश्च ।    |
| 04.  | 11.12.2023                 | शेमुषी भाग 1 - जटायोः शौर्यम् पर्यावरणम् च ।<br>रचनाकार्यम् - संस्कृतभाषायाम् अनुवादकार्यम् ।<br>व्याकरण - विसर्गसन्धिः, संस्कृतसंख्या, अव्ययपदानि,<br>हलन्त शब्दरूपाणि, परस्मैपदी, आत्मनेपदी<br>उभयपदी धातुरूपाणि, षष्ठी, सप्तमी<br>उपपदविभक्तिः, प्रत्ययाश्च । |

Class – IX

Subject – Mathematics

| Months | Working Days | Topics  |
|--------|--------------|---|
| April  | 19           | <p><b>Number System</b></p> <ol style="list-style-type: none"> <li>1. Review of representation of natural numbers, integers, and rational numbers on the numberline. Rational numbers as recurring / terminating decimals. Operations on real numbers.</li> <li>2. Review of representation of natural numbers, integers, and rational numbers on the numberline. Rational numbers as recurring / terminating decimals. Operations on real numbers.</li> <li>3. Examples of non-recurring / non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as <math>\sqrt{2}</math>, <math>\sqrt{3}</math> and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.</li> <li>4. Definition of nth root of a real number.</li> <li>5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)</li> </ol> <p><b>Supplementary discussion</b></p> <p><b>Logarithm</b></p> <p><b>Polynomials</b></p> <p>Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem. Factorization of <math>ax^2 + bx + c</math>, <math>a \neq 0</math> where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.</p> |

| Months | Working Days | Topics  |
|--------|--------------|---|
|        |              | <p><b>Distance Formula, Section Formula, Area of Triangle</b></p> <p><b>Coordinate Geometry</b></p> <p>The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.</p>  |
| May    | 15           | <p><b>Linear Equation in Two Variables</b></p> <p>Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type <math>ax + by + c = 0</math>. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.</p> <p><b>Introduction to Euclid's Geometry.</b></p> <p>History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common / obvious notions, axioms / postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example :</p> <p>(Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p> |
| June   | 14           | <p><b>Practice Test</b></p> <p><b>Lines and Angles</b></p> <ol style="list-style-type: none"> <li>(Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is <math>180^\circ</math> and the converse.</li> <li>(Prove) If two lines intersect, vertically opposite angles are equal.</li> <li>(Motivate) Lines which are parallel to a given line are parallel.</li> </ol>  |

| Months | Working Days | Topics   |
|--------|--------------|--|
| July   | 22           | <p><b>Lines and Angles (Cont.)</b></p> <p><b>Triangles</b></p> <ol style="list-style-type: none"> <li>(Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</li> <li>(Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</li> <li>(Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).</li> <li>(Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence).</li> <li>(Prove) The angles opposite to equal sides of a triangle are equal.</li> <li>(Motivate) The sides opposite to equal angles of a triangle are equal.</li> </ol> <p><b>Quadrilaterals (Cont.)</b></p> <ol style="list-style-type: none"> <li>(Prove) The diagonal divides a parallelogram into two congruent triangles.</li> <li>(Motivate) In a parallelogram opposite sides are equal, and conversely.</li> <li>(Motivate) In a parallelogram opposite angles are equal, and conversely.</li> <li>(Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.</li> <li>(Motivate) In a parallelogram, the diagonals bisect each other and conversely.</li> </ol> |

| Months | Working Days | Topics  |
|--------|--------------|---|
|        |              | 6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.  |
| Aug    | 22           | <b>Quadrilaterals</b><br><b>Revision</b>  |
| Sept.  | 21           | <b>Half Yearly Examination</b><br>Areas of Parallelogram and triangles  |
| Oct.   | 18           | <b>Circles</b> <ol style="list-style-type: none"> <li>1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</li> <li>2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</li> <li>3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.</li> <li>4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</li> <li>5. (Motivate) Angles in the same segment of a circle are equal.</li> <li>6. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</li> <li>7. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is <math>180^\circ</math> and its converse.</li> </ol> |

| Months | Working Days | Topics   |
|--------|--------------|--|
| Nov.   | 16           | <b>Constructions</b><br><b>Heron's Formula</b><br>Area of a triangle using Heron's formula (without proof)<br><b>Surface Area and Volume (Cont.)</b><br>Surface areas and volumes of spheres (including hemispheres) and right circular cones. |
| Dec.   | 24           | <b>Surface Area and Volume</b><br>Probability  |
| Jan.   | 26           | <b>Statistics</b><br>Bar graphs, histograms (with varying base lengths), and frequency polygons.<br><b>Revision</b>  |
| Feb.   | 21           | <b>Annual Examination</b>  |

|            |        |                              |
|------------|--------|------------------------------|
| 01.05.2023 | MT - 1 | Number System                |
| 10.07.2023 | MT - 2 | Polynomial & Linear Equation |
| 03.10.2023 | MT - 3 | Lines and Angle, Triangle    |
| 04.12.2023 | MT - 4 | Circle and Herons Formula    |

Class – IX

Subject –Physics

| Months        | Working Days | Topics   |
|---------------|--------------|--|
| April         | 19           | <p><b>Motion</b> : Distance and displacement, Speed and it's types, average speed, velocity and it's types, uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion, NCERT (Intext and Exercise) problems.</p> <p><b>Extra Topic</b> : <b>Unit and measurement of physical quantities, vector analysis.</b></p>   |
| May/<br>June  | 15+14        | <p><b>Force and Newton's laws of motion</b> : Introduction of force and motion, Newton's First law of motion, Intertia of body and Mass, Newton's Second law of motion, Force and Acceleration, Newton's third law of motion, Action and Reaction forces, Conservation of linear momentum, Applications of these laws. NCERT (Intext and Exercise) problems.</p> <p><b>Extra Topic</b> : - <b>Impulse, Friction.</b></p> <p><b>1st Monday Test (19.06.2023) - Chapter - <i>motion</i> (Complete chapter)</b></p> <p><b>1st Ability Test (15.05.2023) - Chapter -<i>motion</i> (complete chapter)</b></p>   |
| July /<br>Aug | 22+22        | <p><b>Gravitation</b> :- Universal law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to gravity; Mass and weight, weight of an object on the moon, Motion of objects under Free fall. NCERT (Intext and Exercise) problems.</p> <p><b>Extra Topic</b> : - <b>Introduction of Kepler's laws.</b></p> <p><b>Floatation</b> : Thrust and Presssure, pressure in fluids, Archimedes' Principle; density and specific gravity. NCERT (Intext and Exercise) Problems.</p> <p><b>2nd Monday Test (07.08.2023) - Chapter - <i>laws of motion</i> (complete chapter).</b></p> <p><b>2nd Ability Test (31.07.2023) - Chapter - <i>laws of motion</i> (complete chapter).</b></p> |



| Months    | Working Days | Topic and Sub topic   |
|-----------|--------------|---|
| Sept      | 21           | Revision and Half Yearly Examination  |
| Oct / Nov | 18+16        | <p><b>Work, Energy and Power</b> : Introduction of work, Scientific concept of work, work done by a constant Force, Energy, forms of energy, Kinetic and Potential Energy; Law of conservation of energy, power, commercial unit of Energy, calculation of billing.</p> <p><b>Extra Topic</b> : - <b>Work energy theorem, Conservative and non-conservative force</b></p> <p><b>3rd Monday Test (30.10.2023) - Chapter - Gravitation and floatation</b> (complete chapter).</p> <p><b>3rd Ability Test (26.10.2023) - Chapter - Gravitation</b> (complete chapter).</p> |
| Dec/ Jan  | 24+16        | <p><b>Sound</b> : Production of sound and its propagation in various media, Types of waves, speed of sound, Reflection of sound, Echo, Reverberation, Multiple reflections &amp; its applications, Range of hearing in humans; Ultrasound and its application, SONAR, structure of Human ear. NCERT (Intext and Exercise) Problems.</p> <p><b>4th Monday Test (18.12.2023) - Chapter - Floatation and work and energy</b> (Excluding Power).</p> <p><b>4th Ability Test (16.01.2023) - Chapter - Work, energy and power</b> (complete chapter).</p>                     |
| Feb       | 21           | Revision and Annual Examination   |

Class – IX

Subject – Chemistry

Book : Science and Technology (N.C.E.R.T)

| Months        | Working Days | Topics  |
|---------------|--------------|---|
| April/<br>May | 19+15        | <p><b>Matter in Our Surroundings</b></p> <ol style="list-style-type: none"> <li>1) Characteristics of Matter</li> <li>2) Particulate nature of matter</li> <li>3) Characteristics of particle of matter</li> <li>4) Diffusion</li> <li>5) States of matter-Solid, liquid and gases and their properties</li> <li>6) Interconversion of states of matter, melting, Freezing, Vaporisation, condensation, Sublimation</li> </ol> <p><b>Graphs of temperature versus time for state transformation.</b><br/> <b>Ability Test 1. Matter in our Surroundings</b><br/> <b>MT 1 - Matter in our Surroundings</b></p>   |
| May/<br>July  | 14+22        | <p><b>Is Matter Around us Pure</b></p> <ol style="list-style-type: none"> <li>1) Elements, Compounds and Mixtures and their Characteristics</li> <li>2) Heterogeneous and homogenous mixtures</li> <li>3) Solutions : Concentration of solution, solubility</li> <li>4) Suspensions</li> <li>5) Colloids - Types and properties</li> <li>6) Separation of mixtures - Evaporation, Filtration, Crystallisation, Centrifugation, Separating Funnel, distillation, Chromatography</li> <li>7) Separation of Constituents of Air</li> <li>8) Water Purification System</li> <li>9) Physical and Chemical changes</li> </ol> <p><b>Ability Test 2. Matter Around us Pure</b></p> |

| Months | Working Days | Topics   |
|--------|--------------|--|
| Aug.   | 22           | <p><b>Atoms and Molecules</b></p> <p>1) Laws of Chemical combination - Law of conservation of mass, Law of Constant proportion.</p> <p>2) Atoms and Dalton's Atomic Theory</p> <p>3) Atomic Mass</p> <p>4) Molecules and Chemical Formulae</p> <p>5) Ions and Ionic Compounds</p> <p>6) Molecular mass and formula unit mass</p> <p>7) Mole Concept</p> <p><b>Concentration of Solutions Mole fraction, Molarity, Molality</b></p> <p><b>MT 2 - Is matter around us is pure.</b></p> |
| Sept   | 21           | <p><b>Revision for Half Yearly Exam</b></p> <p><b>Half Yearly Examination</b></p>  |
| Oct    | 18           | <p><b>Structure of the Atom</b></p> <p>1) Electrical nature of matter</p> <p>2) Discovery of electron and proton</p> <p>3) Characteristics of electron, proton and neutrons.</p> <p>4) Thomson's model of atom</p> <p>5) Rutherford's nuclear model of atom</p> <p><b>Discovery of electrons and protons using cathode ray tube.</b></p> <p><b>MT 3 - Atoms and Molecules</b></p>  |

| Months      | Working Days | Topics  |
|-------------|--------------|---|
| Nov         | 16           | 6) Bohr's model of atom<br>7) Bohr - Bury scheme, Electronic distribution in various shells of an atom<br>8) Valency<br>9) Atomic number and mass number<br>10) Isotopes and isobars<br><b>Ability Test 3. Atoms and Molecules</b>  |
| Dec/<br>Jan | 24+16        | <b>Natural Resources</b><br>1) Biosphere and Resources<br>2) Role of atmosphere in Climate control<br>3) Air pollution<br>4) Importance of water in life<br>5) Water pollution and causes, effects and prevention<br>6) Soil composition, formation, soil - erosion and soil - conservation<br>7) Biogeochemical cycles<br>8) Water Cycle<br>9) Nitrogen Cycle<br>10) Carbon Cycle<br>11) Oxygen Cycle<br><b>MT-4- Structure of Atoms</b> |

Class – IX

Subject –Biology

Book Prescribed : Science and Technology (NCERT)

| Months | Working Days | Topics  | Portion   |
|--------|--------------|---|---|
| April  | 19           | <p><b>Chapter - 5 The Fundamental Unit of Life</b></p> <p>5.1 What are living organisms made up of ?</p> <p>5.2 Cell Structure</p> <p>5.2.1 Plasma Membrane or Cell Membrane</p> <p>5.2.2 Cell Wall</p> <p>5.2.3 Nucleus</p> <p>5.2.4 Cytoplasm</p> <p>5.2.5 Cell Organelles</p> <p>Cell Division</p> <p><b>Extra Topics :</b></p> <p>(i) Cell Cycle and Cell Division</p> <p>(ii) Types of Chromosomes</p> |   |
| May    | 15           | <p><b>Chapter - 6 Tissues</b></p> <p>6.1 Plant and Animal Tissues</p> <p>6.2 Types of Plant Tissues</p>   | <p><b>AT 1 - 15.5.2023</b></p> <p>Ch. 5 - Fundamental Unit of Life (Except Cell Division)</p> |
| June   | 06           | <p><b>Qualifying Examination</b></p> <p>6.3 Animal Tissues</p>  | <p><b>MT 1 - 19.6.2023</b></p> <p>Ch. 5 - Fundamental Unit of Life (Complete Chapter)</p>     |
| July   | 22           | <p>6.3.1 Epithelial Tissue</p> <p>6.3.2 Connective Tissue</p> <p>6.3.3 Muscular Tissue</p> <p>6.3.4 Nervous Tissue</p> <p><b>Extra Topics :</b></p> <p>(i) Blood Groups</p> <p>(ii) Transmission of Nerve Impulse</p>   | <p><b>AT 2 - 31.7.2023</b></p> <p>Ch. 6 - Tissues (Plant Tissues)</p>                         |

| Months | Working Days | Topics   | Portion   |
|--------|--------------|--|---|
| Aug    | 22           | <b>Chapter - 13 Why do we fall ill</b><br>13.1 Health and its failure<br>13.2 Disease and its causes<br>13.3 Infectious Diseases   | MT 2 - 7.8.2023<br>Ch. 6 - Tissues  |
| Sept   | 21           | <b>Revision of Half Yearly Examination</b>   |   |
| Oct    | 18           | <b>Chapter - 7 Diversity in living world</b><br>7.1 Basis of Classification<br>7.2 Classification and Evolution<br>7.3 The Hierarchy of Classification<br>7.4 Plantae  | AT 3 - 26.10.2023<br>Ch. 7 - Diversity in Living World till Plantae<br>MT 3 - 30.10.2023<br>Ch. 7- Diversity in Living World till Plantae |
| Nov    | 16           | 7.5 Animalia<br>7.6 Nomenclature   |   |
| Dec    | 24           | <b>Chapter - 15 Improvement in Food Resources</b><br>15.1 Improvement in Food Yield<br>15.1.1 Crop Variety Improvement<br>15.1.2 Crop Production Management<br>15.1.3 Crop Protection Management                     | MT4 - 18.12.2023<br>Ch. 15 - Improvement in Food Resources Till Crop variety improvement  |
| Jan    | 16           | 15.2.1 Animal Husbandry<br>15.2.2 Cattle Farming<br>15.2.3 Poultry Farming<br>15.2.4 Fish Production<br>15.2.4 Bee Keeping<br><b>Extra Topics :</b><br>(i) Hierarchy of Classification<br>(ii) Binomial Nomenclature | AT4 - 16.1.2024<br>Ch. 15 - Improvement in Food Resources Till improvement in food yields   |
| Feb.   | 21           | <b>Revision for Annual Examination</b>   |   |

Class – IX

Subject – History

Book : India and the Contemporary World - I (NCERT)

| Months | Working Days | Topics / Sub Topics  | Monday Test / Ability Test   |
|--------|--------------|--|--|
| April  | 19           | <b>French Revolution</b><br>A. French Society<br>B. Outbreak of the Revolution<br>C. Constitutional Monarchy<br>D. Republic - Reign of Terror<br>E. Role of Women<br>F. Abolition of Slavery<br>G. Everyday Life.  | MT1 - 24.04.2023<br>French Revolution  |
| July   | 22           | <b>Socialism in Europe and The Russian Revolution</b><br>A. The Age of Social Change<br>B. The Russian Revolution<br>C. The February Revolution in Petrograd<br>D. What changed after October<br>E. The Global influence of the Russian Revolution and the USSR      | MT2 - 03.07.2023<br>French Revolution - Last two units<br>Constitutional Design Village of Palampur<br><br>Ability Test - 31.7.2023<br>Socialism Constitutional Design |
| Sept   | 21           | <b>Revision and Mid Term Exam</b>  |  |
| Oct    | 18           | <b>Nazism and the Rise of Hitler</b><br>A. Political condition<br>B. Birth of Weimar Republic<br>C. Years of Depression<br>D. Hitler's Rise to Power<br>E. The Nazi World view<br>F. Youth in Nazi Germany<br>G. Ordinary people and the crimes against the Humanity |  |

| Months      | Working Days | Topics / Sub Topics   | Monday Test / Ability Test   |
|-------------|--------------|---|--|
| Nov         | 16           | <p><b>Forest Society and Colonisation</b></p> <p>A. Reasons of Deforestation<br/>                     B. Rise of Commercial Forestry<br/>                     C. Forest Rules and New Occupations<br/>                     D. Rebellion in Forest / Bastar<br/>                     E. Forest Transformation in Java<br/>                     F. Non-Cooperation Movement (Extra Topic)</p> <p><b>Pastoralists in the Modern World</b></p> <p>A. Pastoral Nomads and their Movement<br/>                     B. Colonial Rule and Pastoral Life<br/>                     C. Pastoralism in Africa</p> | <p><b>MT4 - 21.11.2023</b><br/>                     Nazism Working of Institutions Poverty as a Challenge</p>                            |
| Jan/<br>Feb | 16+21<br>=37 | <p><b>Revision and Annual Exam</b></p>  | <p><b>Ability Test - 16.1.2024</b><br/>                     Forest Society and Colonialism Electoral Politics Food Security in India</p> |



Class – IX

Subject – Political Science

Book : Democratic Politics - I (NCERT)

| Months | Working Days | Topic                              | Sub - Topics   | Monday Test / Ability Test   |
|--------|--------------|------------------------------------|--|--|
| April  | 19           | What is Democracy, Why Democracy ? | 1) Meaning and definition<br>2) Features of Democracy<br>3) For and against Democracy<br>4) Broader meaning of Democracy                                 |  |
| May    | 15           | Constitutional Designs             | 1) Struggle against Apartheid<br>2) Democratic Constitution in SA<br>3) Making of the Indian Constitution<br>4) Institutional Designs                    | <b>Ability Test - 15.5.2023</b><br>French Revolution<br>What is Democracy ? Why Democracy?<br>The Story of Village of Palampur |
| Aug    | 22           | Electoral Politics                 | 1) Need for Elections<br>2) Indian System of Election<br>3) Electoral Constituencies<br>4) Free and Fair Elections<br>5) Independent Election Commission | <b>MT3 - 28.8.2023</b><br>Socialism<br>Constitutional Design Contd.<br>People as Resource                                      |
| Sept   | 21           | Revision and Mid Term Exam         |  |  |

| Months      | Working Days | Topic                    | Sub - Topics   | Monday Test / Ability Test   |
|-------------|--------------|--------------------------|--|--|
| Oct         | 18           | Working of Institutions  | 1) Policy making Procedure<br>2) Decision makers<br>3) Parliament<br>4) Executives, The President, The Judiciary                       | Ability Test -<br>16.10.2023<br>Nazism<br>Electoral Politics<br>People as Resource |
| Dec         | 24           | Democratic Rights        | 1) Life without Rights<br>2) Rights in a Democracy<br>3) Expanding scope of rights<br>4) International covenant on Eco & Social Rights |  |
| Jan/<br>Feb | 16+21<br>=37 | Revision and Annual Exam |  |  |

Class – IX

Subject – Economics

Text Book : NCERT Economics

| Months      | Working Days | Topics / Sub Topics   |
|-------------|--------------|---|
| Aug         | 15           | <b>The Story of Village Palampur</b><br>i) Organisation of Production<br>ii) Farming in Palampur<br>iii) Land Distribution<br>iv) Need of Capital<br>v) Non-Farming Activities  |
| July        | 22           | <b>People As Resource</b><br>i) Human Capital<br>ii) Role of Education<br>iii) Role of Health<br>iv) Classification of Economy<br>v) Division of Labour<br>vi) Unemployment Structure   |
| Sept        | 21           | <b>Revision and Mid Term Exam</b>   |
| Oct         | 18           | <b>Poverty as a Challenge</b><br>i) Two Typical cases of Poverty<br>ii) Poverty as seen by Social Scientists<br>iii) Unequal Distribution of Resources<br>iv) Inter - State Disparities<br>v) Causes of Poverty<br>vi) Anti Poverty Measures                    |
| Dec         | 24           | <b>Food Security in India</b><br>i) Dimensions of food Security<br>ii) Need for food Security<br>iii) Food Insecure Sections<br>iv) Food Self Sufficiency in India<br>v) Food Security in India<br>vi) Public Distribution System<br>vii) Role of Co-operatives |
| Jan/<br>Feb | 16+21<br>=37 | <b>Revision and Annual Exam</b>   |

Class – IX

Subject – Geography

| Months       | Working Days | Ch. | Topic & Sub - Topics  | Monday Test Portion  |
|--------------|--------------|-----|---|--|
| April        | 19           | 1   | <b>India-Size &amp; Location</b><br>India and the World<br>India and its Neighbours   | <b>MT-1</b><br>Ch. 1 - India size & location (Till India and the World)      |
| May/<br>June | 15+14<br>=29 | 2   | <b>Physical Features of India</b><br>Himalayan Mountains<br>Northern Plains   |  |
| July         | 22           | 2   | <b>Physical Features of India</b><br>Peninsular Plateau<br>Indian Desert<br>Coastal Plains<br>Island Groups   | <b>MT-2</b><br>Ch. 2 - Physical Features of India (Till the Northern Plains) |
| Aug          | 22           | 3   | <b>Drainage</b><br>Drainage Systems in India<br>Himalayan Rivers<br>Peninsular Rivers<br>Lakes<br>Role of Rivers in the Economy<br>River Pollution<br>● <b>Water Resources</b><br><b>Revision</b> | <b>MT-3</b><br>Ch. 3 - Drainage (Till Peninsular Rivers)                     |
| Sept.        | 21           |     | <b>Revision &amp; Half Yearly Examination</b><br><b>Climate</b><br>Climatic controls  |  |

| Months     | Working Days  | Ch. | Topic & Sub - Topics   | Monday Test Portion                           |
|------------|---------------|-----|--|---|
| Oct        | 18            | 4   | <b>Climate</b><br>Factors affecting India's climate<br>Indian Monsoon  |   |
| Nov        | 16            |     | <b>Climate</b><br>Onset & Withdrawal of Monsoon<br>The Seasons<br>Distribution of Rainfall<br>Monsoon as a unifying Bond | MT-4<br>Ch. 4 - Climate (Till Indian Monsoon) |
| Dec        | 24            | 7   | <b>Natural Vegetation and Wildlife</b><br>Factors influencing flora and Fauna<br>Types of Vegetation<br>Wild life        |   |
| Jan        | 16            | 6   | <b>Population</b><br>Population size and Distribution<br>Population growth and process of population change              |   |
| Feb<br>Mar | 21+22<br>= 41 |     | <b>Revision &amp; Annual Examination</b>   |   |

Class – IX

Subject – Information Technology (IT)

| Months        | Working Days | Theory   | Practical               | Activity             | Extra Added Contents             | Monday Test Portion  |
|---------------|--------------|--|-------------------------|----------------------|----------------------------------|--|
| April         | 19           | ➤ Communication Skills-I                         |                         | Project Activity     | DBMS Introduction                |  |
| April+<br>May | 19+<br>15    | ➤ Self Management Skills-I                       |                         |                      |                                  |  |
| May           | 15           | ➤ ICT - Skills<br>➤ Data Entry & Keyboard Skills | Rapid Typing Tutor      | Lab Project Activity | Concepts                         |  |
| June+<br>July | 14+<br>22    | ➤ Digital Documentation                          | Writer                  | Lab Project Activity | SQL commands Introduction to DDL | Self Management, ICT Skills                                  |
| Aug           | 22           | ➤ Introduction to IT-ITes industry               |                         |                      | Introduction to DML              | Digital: Documentation                                       |
| Sept          | 21           | <b>Revision of Term - I Syllabus</b>             | Half Yearly Examination |                      |                                  |  |
| Oct           | 18           | ➤ Entrepreneurship Skills-I                      |                         | Project Activity     | Introduction to DCL              |  |
| Oct+<br>Nov   | 18+16        | ➤ Electronic Spreadsheet                         | Calc                    | Lab Project Activity | Introduction to TCL              |  |
| Nov+<br>Dec   | 16+<br>24    | ➤ Green Skills-I                                 |                         |                      |                                  |  |
| Dec +<br>Jan  | 24+16        | ➤ Digital Presentation                           | Impress                 | Lab Project Activity | Syntax to Create Tables          | Electronic Spreadsheet, Green Skills-I, Digital Presentation |
| Feb           | 21           | Revision of Term - I and Term - II Syllabus      |                         |                      | Syntax to Insert Records         |  |
| Mar           | 22           | Annual Examination                               |                         |                      |                                  |  |

Prescribed Book : Beste Freunde 1.1

| Months        | W. Day | Lesson  | Situation/ Topics          | Speech intention   | Structure  |
|---------------|--------|---|----------------------------|--|--|
| Apr/<br>May   | 19+15  | Lesson 1  | Celebration                | <ul style="list-style-type: none"> <li>● To talk about future plans</li> <li>● To allocate responsibilities</li> <li>● To give a suggestion</li> <li>● To accept and decline a proposal</li> </ul> | <ul style="list-style-type: none"> <li>● Subordinate clause "wenn" "zu" + Infinitive</li> <li>● "brauchen" + ...+ "zu" + Infinitive</li> <li>● Preposition of time "während" + Genitive</li> </ul> |
| June/<br>July | 14+22  | Lesson 2  | Shopping and consumption   | <ul style="list-style-type: none"> <li>● To follow a timeline and describe an event</li> <li>● To give reasons for one's actions and decisions</li> </ul>  | <ul style="list-style-type: none"> <li>● Subordinate clause "um...zu"</li> <li>● Subordinate clause "damit"</li> </ul>   |
| August        | 22     | Lesson 3  | Feelings and relationships | <ul style="list-style-type: none"> <li>● To ask for someone's opinion and give one's own opinion</li> <li>● To agree or disagree</li> </ul>  | <ul style="list-style-type: none"> <li>● Questions word "Wo(r)" + Preposition</li> <li>● Pronouns "da(r)" + Preposition</li> </ul>   |
| Sept          | 21     | <b>Revision for Half Yearly Examination &amp; Half Yearly Examination</b> |                            |  |  |
| Oct           | 18     | Lesson 3  | Feelings and relationships | <ul style="list-style-type: none"> <li>● To talk about what one would do in a particular situation</li> </ul>  | <ul style="list-style-type: none"> <li>● Subjunctive II : "würde" + Infinitive</li> <li>● Articles and Nouns in Genitive</li> </ul>  |
| Nov           | 16     | Lesson 4  | Hamburg: A city tour       | <ul style="list-style-type: none"> <li>● To give a suggestion</li> <li>● To give chronological sequence of events</li> <li>● To talk about activities happening simultaneously</li> </ul>          | <ul style="list-style-type: none"> <li>● Subjunctive II: "sollen"</li> <li>● Subordinate clauses of time</li> <li>● "während", "bevor"</li> </ul>  |

| Months | W. Day | Lesson                          | Situation/ Topics           | Speech intention   | Structure   |
|--------|--------|---------------------------------|-----------------------------|--|---|
| Dec    | 24     | Lesson 5                        | Relationships and conflicts | <ul style="list-style-type: none"> <li>● To give reasons</li> <li>● To express likes and dislikes</li> <li>● To lay down restrictions</li> </ul> | <ul style="list-style-type: none"> <li>● Causal preposition "wegen" + Genitive</li> <li>● Double barrel conjunction: "zwar...aber"</li> <li>● Relative clause : relative pronouns in Nominative, Accusative and Dative</li> </ul> |
| Jan    | 16     | Revision for Annual Examination |                             |  |   |
| Feb    | 21     | Annual Examination              |                             |  |   |

Syllabus for Monday Test - 1 - Chapter 1 Date 08.05.2023

Syllabus for Monday Test - 2 - Chapter 2 Date 24.07.2023

Syllabus for Monday Test - 3 - Chapter 3 Date 09.10.2023

Syllabus for Monday Test - 4 - Chapter 4 Date 24.07.2023



**Prescribed Books :**

1. Entre Jeune
2. Setrite

| Month     | No. of Working days | Leçon   | Grammaire  |
|-----------|---------------------|---|--|
| Avril     | 19                  | 1. La Famille<br>2. Au Lycée                        | Verbes en - er<br>Les articles défini et indéfini<br>Les pays et les nationalité<br>Adjectif possessif<br>Adjectif demonstratif<br>Verbes en - IR<br>Les preposition |
| Mai       | 15                  | 3. Une journée de pauline                           | Les articles contractes, verbes pronominaux, les verbes en RE  |
| Juin      | 14                  | 4. Les saisons                                      | Le futur simple, le future proche, l'imperatif, les couleurs   |
| Juillet   | 22                  | 5. Les voyages<br>6. Les loisir et les sports       | Vacances, moyens de trans port, la rentree les verbes pronominaux, passe compose   |
| Août      | 22                  | 6. Les loisir et les sports<br>7. L'argent de poche | L'imparfait, negation, COI, COD, adjectifts interrogatif   |
| Septembre | 21                  | <b>Revision</b><br><b>1st Semester Exam</b>         |  |
| Octobre   | 18                  | 8. Faire des achats                                 | Le conditionnel de pollitesse, en, les expression de quantité  |

| Month    | No. of Working days | Leçon                                    | Grammaire   |
|----------|---------------------|--|---|
| Novembre | 16                  | 9. Un diner en famille                   | Les pronoms y et en, le passe recent, adjectif et pronom interrogatif                 |
| Decembre | 24                  | 10. La mode<br>11. Les fêtes religieuses | Le comparatif, le superlatif, le pronom tonique, conditionnel present, relatif simple |
| Janvier  | 16                  | 12. Les Pays Francophone                 | La récaputilation générale  |
| Fevrier  | 21                  | Annual Exam                              |   |

### MONDAY TESTS

08.05.2023

Portion:

Leçon - 1, 2

24.07.2023

Portion :

Leçon - 3, 4

09.10.2023

Portion :

Leçon - 5, 6

11.12.20-23

Portion :

Leçon - 7, 8

Prescribed Book - Aula Internacional - 1

| Mes          | Lección  | Número de días laborables | Recursos Comunicativos   | Gramática  |
|--------------|--|---------------------------|--|--|
| April        | Lección-1<br>'Nosotros'  | 19                        | <ul style="list-style-type: none"> <li>● Dar y pedir los datos personales</li> <li>● Saludar y despedirse</li> <li>● Recursos</li> </ul>   | <ul style="list-style-type: none"> <li>● el género</li> <li>● Las tres conjugaciones: ar, er, ir</li> <li>● Los verbos ser, llamarse y tener</li> </ul>  |
| May/<br>June | Lección-2<br>'Quiero Aprender Español'                                     | 15+14                     | <ul style="list-style-type: none"> <li>● Expresar intenciones</li> <li>● Explicar los motivos de lo que hacemos</li> <li>● Hablar de lo sabemos hacer en distintos idiomas</li> </ul>  | <ul style="list-style-type: none"> <li>● el presente de indicativo</li> <li>● algunos usos de a, con, de, por, para y porque</li> <li>● el artículo determinado: el, la, los, las</li> <li>● los pronombres personales de sujeto</li> <li>● graduar: bien, bastante bien...</li> </ul>   |
| July         | Lección-3<br>'¿Dónde está Santiago?<br><br>Lección-4<br>'¿Cuál prefieres?' | 22                        | <ul style="list-style-type: none"> <li>● Describir lugares</li> <li>● Expresar existencia y ubicación</li> <li>● hablar del clima</li> <li>● Identificar objetos</li> <li>● Expresar necesidad</li> <li>● Comprar en tiendas: preguntar por productos</li> </ul> | <ul style="list-style-type: none"> <li>● algunos usos de hay</li> <li>● el verbo estar</li> <li>● el superlativo</li> <li>● un/una/unos/unas</li> <li>● cuantificadores: muy, mucho/mucha/muchos</li> <li>● Los demostrativos: este/esta/estos/estas, esto</li> <li>● el/la/los/las + adjetivo</li> <li>● qué + sustantivo, cuál/cuáles</li> <li>● tener que + infinitivo</li> <li>● el verbo ir</li> <li>● el verbo preferir</li> </ul> |
| August       | Lección-5<br>'Tus amigos son mis amigos'                                   | 22                        | <ul style="list-style-type: none"> <li>● Hablar del aspecto y del carácter .....</li> <li>● Preguntar sobre gustos</li> </ul>  | <ul style="list-style-type: none"> <li>● el verbo gustar</li> <li>● Los cuantificadores</li> <li>● Los posesivos</li> <li>● también/tampoco</li> </ul>   |
| Sept         | Revision & half yearly exam  | 18                        | Revision & half yearly exam  | Revision & half yearly exam  |

| Mes     | Lección                         | Número de días laborables | Recursos Comunicativos   | Gramática   |
|---------|---------------------------------|---------------------------|--|---|
| October | Lección-6<br>'Día a Día'        | 16                        | <ul style="list-style-type: none"> <li>● Hablar de hábitos</li> <li>● Expresar frecuencia</li> <li>● Preguntar y decir la hora</li> </ul>  | <ul style="list-style-type: none"> <li>● El presente de indicativo de algunos verbos irregulares</li> <li>● Los verbos reflexivos .....</li> </ul>                              |
| Nov     | Lección-7<br>'¡A Comer!'        | 16                        | <ul style="list-style-type: none"> <li>● Desenvolverse en bares y restaurantes ....</li> </ul>   | <ul style="list-style-type: none"> <li>● La forma impersonal con SE</li> <li>● Los verbos poner y traer</li> <li>● Los pronombres de OD (lo, la, los, las)</li> </ul>           |
| Dec     | Lección-8<br>'El Barrio Ideal'  | 24                        | <ul style="list-style-type: none"> <li>● Describir pueblos, barrios y ciudades .....</li> <li>● Expresar gustos y resaltar un aspecto</li> </ul>   | <ul style="list-style-type: none"> <li>● Cuantificadores (algún, ningún, muchos)</li> <li>● preposiciones y adverbios de lugar (a, en, al lado de, lejos, cerca ...)</li> </ul> |
| Jan     | Lección-9<br>'¿Sabes Conducir?' | 16                        | <ul style="list-style-type: none"> <li>● Hablar de experiencias pasadas</li> <li>● Hablar de habilidades y aptitudes</li> <li>● Hablar de cualidades y defectos de las personas</li> </ul> | <ul style="list-style-type: none"> <li>● El pretérito perfecto</li> <li>● Saber + infinitivo</li> <li>● Poder + infinitivo</li> </ul>   |
| Feb     | Revision                        | 21                        | Revision & Half Yearly Exam  | Revision & Annual Exam  |

1. Monday Test 1- Syllabus (Lesson 1 & 2) - 08/05/2023
2. Monday Test 2- Syllabus (Lesson 3 & 4) - 24/07/2023
3. Monday Test 3- Syllabus (Lesson 5 & 6) - 09/10/2023
4. Monday Test 4- Syllabus (Lesson 7 & 8) - 11/12/2023

**Class – IX**

**Subject – Artificial Intelligence**

| <b>Months</b>   | <b>No. of Working Days</b> | <b>Theory</b>                            | <b>Additional Topics</b>                               |
|-----------------|----------------------------|--|--|
| <b>April</b>    | 19                         | Self-Management Skills - I, I.C.T. - I   | Introduction to Linux OS                               |
| <b>May</b>      | 15                         | I.C.T. - I, Introduction to A.I.         |  |
| <b>June</b>     | 14                         | Introduction to A.I.                     | Let's build an A.I. Application using MIT App Inventor |
| <b>July</b>     | 22                         | A.I. Project Cycle                       | How to use A.I. data exploration tools                 |
| <b>August</b>   | 22                         | Communication Skills-I, Green Skills - I | Industrial Visit                                       |
| <b>Sept</b>     | 21                         | <b>Revision</b>                          |  |
| <b>October</b>  | 18                         | Introduction to Python                   | Advance Python   |
| <b>Nov</b>      | 16                         | Introduction to Python                   |  |
| <b>Dec</b>      | 24                         | Neural Network                           | Create SMART CLASSROOM AI application                  |
| <b>January</b>  | 16                         | Entrepreneurial Skills - I               | Introduction to Intellectual Property Rights (IPR)     |
| <b>February</b> | 21                         | <b>Revision</b>                          |  |
| <b>March</b>    | 22                         | <b>Revision &amp; Annual Exam</b>        |  |

| <b>Monday Test</b>                    | <b>Portion</b>   |
|---------------------------------------|--|
| <b>Monday Test 01</b><br>(14.08.2023) | <b>AI Project Cycle</b> : 4Ws problem canvas, Data Acquisition, Data Exploration, Data Visualisation |
| <b>Monday Test 02</b><br>(08.01.2023) | Introduction to Python, Neural Network   |

| Months | Working Days | Topics   |
|--------|--------------|--|
| April  | 19           | Introduction to History<br>Ancient Civilizations<br>Harappan, Mesopotamia, Egypt, Chinese, Greek and Roman<br>Feudalism<br>French Revolution<br>Nazism<br>Fascism<br>Russian Revolution<br>First World War<br>Second World War                         |
| May    | 15           | Major Indian dynasties and their periods<br>Buddhism and Jainism<br>Geography<br>Solar System<br>Planets<br>The earth<br>Shape and size<br>Mountains oceans<br>Latitude longitude<br>Heat Zones<br>Various landforms<br>The Peninsular Drainage System |
| June   | 14           | Indian Polity and Constitution<br>1 - 8  |

| Months  | Working Days | Topics   |
|---------|--------------|--|
| July    | 22           | Indian Economy<br>1 - 4<br>Physics<br>1 - 7  |
| August  | 22           | Chemistry<br>Introduction<br>Atomic Structure<br>Chemical Bonding<br>Solution<br>Biology<br>Introduction<br>Plant Tissue<br>Animal Tissue<br>Pollution<br>Human Diseases<br>Botany 4, 5, 7 |
| Sept.   | 21           | <b>Revision</b><br><b>Half Yearly Examination</b>  |
| October | 18           | Miscellaneous<br>1 - 42  |
| Nov     | 16           | Continuation of Miscellaneous  |
| Dec     | 24           | Continuation of Miscellaneous  |
| Jan     | 16           | <b>Revision</b>  |