|           | MONTH WISE SYLLABUS MATHEMATICS CLASS X         |  |   |  |   |  |  |  |
|-----------|---|--|---|--|---|--|--|--|
| MON<br>TH | UNITS   | TOPICS   | ART<br>INTEGRA<br>TION<br>ACTIVIT<br>Y        | PRACTICALS   | SUBJECT<br>ENRICHME<br>NT<br>ACTIVITY   |  |  |  |
|           | POLYNOMI<br>ALS                                 | Graphical Representation of Polynomials, Relation b/w Zeroes and Co-efficients of a polynomial and their applications  |   | Relation of leading coefficient of a Quad. polynomial with the shape of the graphical representation                       |   |  |  |  |
| APR       | LINEAR<br>EQUATION<br>S IN TWO<br>VARIABLE<br>S | Simultaneous Lin. Eq. in two variables, Graph. Rep., solution by algebraic methods, consistency conditions, applications in word problems  |   | Verifying the conditions of consistency for a given pair of Lin. Eqs. in two variables.                                    | Case Studies  |  |  |  |
|           | REAL<br>NUMBERS                                 | Fundamental Theorem of Arithmetic – illustrations and examples, Proofs of irrationality of root of 2, 3 and 5 etc.   |   |  | Case Studies  |  |  |  |
|           | SIMILAR<br>TRIANGLE<br>S                        | Definition of Similarity, Basic<br>Proportionality Theorem and<br>Converse, Criteria for<br>Similarity of Triangles, and<br>their applications   |   | Verification of the BPT by the activity method.  |   |  |  |  |
| MAY       | INTRO. TO<br>TRIGONO<br>METRY                   | Trigonometric ratios of an acute angle of a right-angled triangle. Proofs, Ratios of specific angles, whichever are defined at 0 o and 90 o. Values of the trigonometric ratios of 300, 450 and 600. Relationships between the ratios. | Inter Disciplina ry Holidays homework Project |  | Measuring height of various objects with length of their shadows for a given angle of elevation of sun. |  |  |  |
| JULY      | UT1<br>EXAMS<br>CO-<br>ORDINATE<br>GEOMETR<br>Y | Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division)   |   | 1. Verification of the Distance formula by the Activity Method 2. Verification of the Mid-point formula by Activity method |   |  |  |  |
|           | AREAS<br>RELATED<br>TO<br>CIRCLES               | Area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the plane figures. Area of segment of a circle,   |   |  | Formula<br>Booklet  |  |  |  |
| AUG       | PROBABIL<br>ITY                                 | Classical definition of probability. Simple problems on finding the probability of an event  |   | Relationship between<br>the theoretical and<br>experimental<br>probability.  |   |  |  |  |
|           | REVISION  |  |   |  |   |  |  |  |

|      | T /                          | T   | ı |   |   |
|------|------------------------------|---|---|---|---|
|      | <u>HALF</u><br><u>YEARLY</u> |   |   |   |   |
| SEPT | EXAMS HEIGHTS AND DISTANCE S | Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of                                    |   |   | Making a clinometer to understand the Angle of                |
|      |                              | elevation / depression should<br>be only 30°, 45°, and 60°.   |   |   | elevation and<br>angle of<br>depression<br>from a point<br>of |
|      | QUAD.                        | Standard form of a quadratic  |   |   | observation. Case Studies.                                    |
|      | EQS.                         | equation $ax2 + bx + c = 0$ , (a $\neq 0$ ). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. |   |   |   |
|      |                              | Relationship between discriminant and nature of roots. Situational problems   |   |   |   |
|      |                              | based on quadratic equations related to day to day activities to be incorporated.   |   |   |   |
|      |                              |   |   |   |   |
|      | ARITHMET IC                  | Motivation for studying<br>Arithmetic Progression   |   | 1. Checking if a given set of numbers is in                           |   |
| OCT  | PROGRESS<br>ION              | Derivation of the nth term and sum of the first n terms of A.P. and their application in  |   | an A.P. 2. Finding the sum of first n even numbers                    |   |
|      |                              | solving daily life problems.  |   | by the activity method. 3. Finding the sum of                         |   |
|      |                              |   |   | first n odd numbers by the activity method.                           |   |
|      |                              |   |   | 4. Finding the sum of first n natural numbers by the activity method. |   |
|      | STATISTIC<br>S               | Mean, median and mode of grouped data (bimodal situation to be avoided).  |   |   | CASE<br>STUDIES   |
|      |                              | Situation to be avoided).   |   |   |   |
|      |                              |   |   |   |   |
|      |                              |   |   |   |   |

| NOV | CIRCLES                                    | Tangent to a circle at, point of contact (10) Periods 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal. |                             | 1. To verify that the tangent dran to a circle is perpendicular to the radius at the point of contact.  2. To verify that the tangents drawn to a circle from an external point are equal in length. |  |
|-----|--|---|-----------------------------|--|--|
|     | VOLUMES<br>&<br>SURFACE<br>AREAS           | Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones  | Perspectiv<br>e<br>Drawings |  |  |
|     | REVISION                                   |   |                             |  |  |
| DEC | <u>PRE –</u><br><u>BOARD 1</u><br>REVISION |   |                             |  |  |
| JAN | PRE –<br>BOARD 2<br>EXAMS<br>REVISION      |   |                             |  |  |
| FEB | REMEDIA<br>L<br>TEACHING                   |   |                             |  |  |
| MAR | BOARD<br>EXAMS                             |   |                             |  |  |

### CLASS X (2024-25) SYLLABUS SUBJECT -SCIENCE

| MONTH | UNIT  | TOPICS  | ART<br>INTEGRATI  | PRACTICALS  | SUBJECT<br>ENRICHMEN |
|-------|---|---|---|---|----------------------|
|       |   |   | ON<br>ACTIVITY  |   | T ACTIVITY           |
| APRIL | Unit I: Chemical<br>Substances -<br>Nature and<br>Behaviour | CH-1<br>Chemical<br>reactions                       | Diagrams of<br>systems using<br>biodegradabl<br>e substance | CHEM-<br>Performing and<br>observing the<br>following reactions<br>and classifying<br>them into: Unit-I A.<br>Combination   |                      |
|       | of Living   | processes   |   | reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction   |                      |
|       | Unit III: Natural<br>Phenomena                              | CH-9 Light  |   | PHY- Determination of the focal length of: Unit-III i) Concave mirror ii) Convex lens by obtaining the image of a distant object.   |                      |
|       |   |   |   | Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence.  Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. |                      |
|       |   |   |   | BIO Preparing a temporary mount of a leaf peel to show stomata.   |                      |
| MAY   | Unit III: Natural<br>Phenomena                              | CH-10<br>Human eye<br>and the<br>colourful<br>world | HHW   | PHY-<br>Tracing the path of<br>the rays of light<br>through a glass<br>prism.   |                      |
|       |   |   |   | BIO-<br>Experimentally  |                      |

|        |  |  |  | show that carbon dioxide is given out during respiration.  CHEM-CONTD.   |       |
|--------|--|--|--|--|-------|
| JULY   | Unit II: World<br>of Living  | CH-6 Control<br>and co-<br>ordination in<br>animals and<br>plants          | Comparison of electricity consumption amongst neighbors and make a | CHEM-<br>Finding the pH of<br>the samples by<br>using pH<br>paper/universal<br>indicator   |       |
|        | Unit I: Chemical<br>Substances -<br>Nature and<br>Behaviour                  | CH-2 Acids, bases and salts:   | poster to save<br>energy   | B. Studying the properties of acids and bases (HCI & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate  |       |
|        | Unit IV: Effects of Current  | CH-11<br>Electricity   |  | BIO-<br>Studying (a) binary<br>fission in Amoeba,<br>and (b) budding in<br>yeast and Hydra<br>with the help of<br>prepared slides  |       |
|        |  |  |  | PHY- Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.  |       |
| AUGUST | Unit II: World of Living  Unit I: Chemical Substances - Nature and Behaviour | CH-7 How<br>do organisms<br>Reproduce<br>CH-3 Metals<br>and non-<br>metals |  | CHEM- Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: Unit-I i) ZnSO4(aq) ii) FeSO4(aq) iii) CuSO4(aq) iv) Al2 (SO4)3(aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity | visit |

| SEPTEMBER | Exam Unit V: Natural   | CH-13 Our                                  | a<br>B<br>Id<br>ti<br>o<br>d<br>g<br>b            | pased on the above result.  BIO-dentification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).  PHY-Determination of the equivalent resistance of two resistors when connected in series and parallel                           |                |
|-----------|--|--|---|--|----------------|
|           | Resources  | environment                                |   |  |                |
| OCTOBER   | Unit I: Chemical<br>Substances -<br>Nature and<br>Behaviour  Unit II: World<br>of Living | CH-4 Carbon<br>compounds  CH-8  Heredity   | S<br>fi<br>p<br>a<br>a<br>s<br>ii<br>iv<br>S<br>C | CHEM- Study of the Sollowing Properties of acetic Racid (ethanoic Racid): i) Odour ii) Solubility in water iii) effect on litmus v) reaction with Sodium Hydrogen Carbonate  Study of the Comparative Cleaning capacity of a sample of soap n soft and hard water. | Talk by alumni |
| NOVEMBER  | Unit IV: Effects of Current  | CH-12<br>Magnetic<br>effects of<br>current |   |  |                |
| DECEMBER  | PB-1   |  |   |  |                |
| JANUARY   | PB-2   |  |   |  |                |
| JANUAKI   | 1 D-2  |  |   |  |                |

# ARTIFICIAL INTELLIGENCE CLASS X

| MONT<br>H     | UNIT   | TOPIC  | ART<br>INTEGRATION                      | PRACTICAL   | SUBJECT<br>ENRICHMENT<br>ACTIVITY   |
|---------------|--|--|---|---|---|
| APRIL         | (A) UNIT 1 -<br>COMMUNIC<br>ATION<br>SKILLS<br>(B)UNIT 3-<br>ADVANCE<br>PYTHON   | Types of communication Writing skills Parts of speech Algorithm Character set and tokens Writing comments  | Time Table                              | Write basic programs in Python like adding 2 numbers, conversion of units etc.            | Dumb Charades to explain the gadgets and understand the ways of communicati on. |
| MAY           | (A) UNIT 2 -<br>SELF<br>MANAGEM<br>ENT SKILLS<br>(B)UNIT 3-<br>ADVANCE<br>PYTHON | Steps for building self-<br>confidence<br>Factors that help self-<br>confidence<br>Input function<br>Control statements<br>Selection statements<br>List in Python  | Presentation<br>on Stress<br>Management | Write basic<br>programs in<br>Python like<br>using if-else,<br>for loop and<br>while loop |   |
| JULY          | (A) UNIT 3 -<br>ICT SKILLS<br>(B)UNIT 1-<br>INTRODUCT<br>ION TO AI               | Input output devices Operating systems Files and folders Digital India Types and domains of AI History and future SDG, AI, ethical issues AI access, disadvantages |   | Python<br>Programs  | Group<br>Discussion   |
| AUGUS<br>T    | (B)UNIT 2-<br>AI PROJECT<br>CYCLE<br>(B)UNIT 4-<br>DATA<br>SCIENCE               | Framework 4W problem canvas Data visualisation tool AI, ML and DL  |   | Project on Al<br>Project Cycle  | Case Study<br>on 4W<br>Problem<br>Canvas  |
| SEPTE<br>MBER | REVISION   | Practicals Term I examination  |   |   |   |
| OCTOB<br>ER   | (A) UNIT4 -<br>ENTREPREN<br>EURIAL<br>SKILLS<br>(B)UNIT 5-<br>COMPUTER<br>VISION | Types of businesses Characteristics and role of entrepreneur Applications of NN Human nervous system Types of NN   |   | Python<br>Programs  | Group<br>Discussion   |

|        | (B)UNIT 6<br>NLP |                     |              |               |  |
|--------|------------------|---------------------|--------------|---------------|--|
| NOVEM  | (A) UNIT 5 -     | Environment and     | Presentation | Case Study on |  |
| BER    | GREEN            | ecosystem           | on Save      | Confusion     |  |
|        | SKILLS           | Natural resources   | Environment  | Matrix        |  |
|        | (B)UNIT 6 -      | conservation        |              |               |  |
|        | NLP              | Green projects      |              |               |  |
|        | (B)UNIT 7-       | Python practical    |              |               |  |
|        | EVALUATIO        |                     |              |               |  |
|        | N                |                     |              |               |  |
| DECEM  | REVISION         | -Practicals         |              | Python        |  |
| BER    |                  | -Revision           |              | Programs      |  |
|        |                  |                     |              |               |  |
| JANUA  | REVISION         | -Practicals         |              | Python        |  |
| RY     |                  | -Revision           |              | Programs      |  |
|        |                  |                     |              |               |  |
| FEBRUA | REVISION         | -Practicals         |              |               |  |
| RY     |                  | -Annual examination |              |               |  |

| पाठ्यक्रम  | ( २०२४ -२०:       | २५ )  |   |                                    |
|------------|-------------------|---|---|------------------------------------|
| विषय - वि  | <del>हें</del> दी |   |   |                                    |
| कक्षा - दः | शमी               |   |   |                                    |
| पाठ्यपुस्त | क - स्पर्श भा     | ग -2 , संचयन भाग - 2                        |   |                                    |
| माह        | पुस्तक            | पाठ   | कलासमेकित गतिविधि                                 | विषयसंवर्धन-गतिविधि                |
|            |                   | बड़े भाई साहब                               | चित्रों के माध्यम से मुहावरों का प्रस्तुतीकरण     | वाचन,अनुच्छेद(पाठ आधारित)          |
|            | स्पर्श            | साखी  | साखियों का सस्वर वाचन                             |                                    |
| अप्रैल     | (44)              | तँतारा वामीरो कथा                           | किसी अंचल कथा का प्रस्तुतीकरण                     |                                    |
|            | संचयन             | हरिहर काका                                  |   | अभ्यास पत्र, अनुच्छेद (पाठ आधारित) |
|            | व्याकरण           | समास, पत्र लेखन,अनुच्छेद लेखन               |   | पत्र लेखन / कार्यपत्रिका           |
| मई         | स्पर्श            | मीरा के पद                                  | प्रिय कवि पर आधारित वृतचित्र,                     |                                    |
| ا م        | व्याकरण           | ई मेल लेखन,पत्र-लेखन,वाक्य रूपांतरण         | प्रायोगिक ई मेल                                   | अभ्यास-पत्र                        |
|            | स्पर्श            | डायरी का एक पन्ना                           | अगर मैं स्वतंत्रता सेनानी होता(प्रस्तुतीकरण )     | वाचन ,अनुच्छेद (पाठ आधारित)        |
| जुलाई      | संचयन             | सपनों के से दिन                             |   |                                    |
|            | व्याकरण           | पदबंध , लघु-कथा लेखन                        | बचपन की घटना का कहानीबद्ध प्रस्तुतिकरण            |                                    |
|            | स्पर्श            | तीसरी कसम के शिल्पकार शैलेन्द्र             |   | वाचन ,अनुच्छेद (पाठ आधारित)        |
| अगस्त      |                   | मनुष्यता ( कविता)                           |   | अभ्यास पत्र                        |
|            | व्याकरण           | सूचना लेखन                                  |   |                                    |
|            | स्पर्श            | अब कहाँ दूसरों के दुख से दुखी होने वाले लोग |   | वाचन ,अनुच्छेद (पाठ आधारित)        |
| सितंबर     |                   | तोप (कविता )                                | अगर 1857 का विद्रोह सफल हो गया होता<br>(आशु-भाषण) | दो पात्रों के मध्य संवाद लेखन      |
|            | संचयन             | अभ्यास पत्र                                 |   |                                    |
|            | व्याकरण           | मुहावरे , पत्र लेखन                         | कविता का नाट्य प्रस्तुतिकरण                       |                                    |
|            | स्पर्श            | पर्वत प्रदेश मे पावस ( कविता)               |   | कविता-पाठ , अनुच्छेद (पाठ आधारित)  |
|            |                   | पतझड़ मे टूटी पत्तियाँ                      |   |                                    |

| अक्टूबर | व्याकरण | अनुच्छेद एवं विज्ञापन लेखन | विज्ञापन निर्माण            |                                  |
|---------|---------|----------------------------|-----------------------------|----------------------------------|
|         | संचयन   | टोपी शुक्ला (कहानी)        | विषयाधारित स्वानुभव वर्णन   | वाचन,अनुच्छेद (पाठ आधारित)       |
|         | स्पर्श  | कर चले हम फिदा ( कविता)    |                             | कविता प्रस्तुतिकरण               |
| नवंबर   |         | कारतूस (एकांकी)            | कविता का नाट्य प्रस्तुतिकरण | वाचन,अनुच्छेद (पाठ आधारित)       |
|         | व्याकरण | सूचना लेखन                 |                             |                                  |
| दिसंबर  | स्पर्श  | आत्मत्राण (कविता )         | नारा लेखन                   | कविता-पाठ, अनुच्छेद (पाठ आधारित) |
| जनवरी / |         | पुनरावृत्ति                |                             |                                  |
| फरवरी   |         |                            |                             |                                  |

## **SUBJECT – ART CLASS – 10 (2024-25)**

| MONTH     | UNIT | TOPICS   | ART<br>INTEGRATION<br>ACTIVITY | PRACTICALS | SUBJECT<br>ENRICHMANET<br>ACTIVITY |
|-----------|------|--|--------------------------------|------------|------------------------------------|
| APRIL     |      | <ol> <li>Random line drawing-<br/>Abstract Activity.</li> <li>activities in B/W and Color)</li> <li>Learning to write Alphabets<br/>in One-point Perspective<br/>(symmetrical Alphabets).</li> </ol> |                                |            |                                    |
| MAY       |      | Artworks in Pencil Shading     (Landscape)-     Concept of light and dark     in detail.  Design Activity based on Vertical and Horizontal Lines.  |                                |            |                                    |
| JULY      |      | Introduction of Any Artist     (1 Composition based on his/her work)     Poster making on any topic.   |                                |            |                                    |
| AUGUST    |      | Calligram Art (Landscape in color)     Word Art- Composition based on Found words.   |                                |            |                                    |
| SEPTEMBER |      | Draw An object in Two-point<br>Perspective (Sharpener/<br>Table/Chair etc)   |                                |            |                                    |
| OCTOBER   |      | <ol> <li>Ruben's Vase Composition<br/>in Color.</li> <li>How to Write your Name<br/>in One-point Perspective.</li> </ol>   |                                |            |                                    |
| NOVEMBER  |      | Packaging Design of an object in color.     Monogram design of your name   |                                |            |                                    |
| DECEMBER  |      |  |                                |            |                                    |
| JANUARY   |      |  |                                |            |                                    |

## CLASS X – SOCIAL SCIENCE - YEARLY PLANNER 2024-25

| MONTH | UNIT       | TOPICS                                     | ART INTEGRATION<br>ACTIVITY   | PRACTICALS | SUBJECT ENRICHMENT<br>ACTIVITY   |
|-------|------------|--|---|------------|--|
|       | Hist: Ch2  | Rise of nationalism in India               | Creating a Timeline ofkey events in India's National Movement                 | NA         | Map work   |
|       | Geo: Ch2   | Forests & wild life                        |   | NA         | Map Work   |
| April | Eco: Ch 1  | Development                                |   | NA         | Classroom debate over Impactof Pandemic on Economic Inequality and development of nations. |
|       | Geo: Ch 1  | Resources                                  |   | NA         | Discussion of linkingresources with SDGsMap work   |
|       | Hist: Ch 1 | Rise of national<br>movement in<br>Europe  | Art Integrated Project: Comparison of Delhi and UT as per DOE guidelines- HHW | NA         |  |
| May   | PS Ch 1    | Power Sharing<br>mechanism in<br>democracy |   | NA         | Simulation of Different Levels of Government inIndia                                       |
|       | Eco Ch 5   | Consumer Rights                            | PROJECT ONLY  | NA         |  |
| July  | Hist Ch:3  | The making of a global world               |   | NA         |  |
|       | Geo Ch:4   | Agriculture                                |   | NA         | Map work   |

|           |    | PS Ch: 2  | Federalism                         |   | NA |   |
|-----------|----|-----------|------------------------------------|---|----|---|
|           |    | Geo: Ch3  | Water<br>Resources                 |   | NA | Discussion over Water Governance and Policy Challenges Map work   |
|           |    | Hist Ch 4 | The Age of Industrialisation       |   | NA | •   |
| August    | 22 | Geo Ch 5  | Mineral and power resources        |   | NA | Resource Mapping and Planning Exercise-Group activity Map work  |
|           | 23 | PS Ch 4   | Gender, Religion&<br>Caste         |   | NA | Deliberation over Religious<br>Pluralism and Harmony  |
|           |    | Eco Ch 2  | Sectors of the Indian economy      |   | NA | Role Play- Economic Sector  |
|           |    | PS Ch 6   | Political parties                  |   | NA | Debate Topic- "Should<br>Political Parties Prioritize<br>Ideological Purity or<br>Pragmatic Compromise in<br>Strengthening Democracy? |
|           |    | Geo Ch 6  | Manufacturing<br>Industries        |   | NA | Map work  |
| September | 22 | Eco Ch 3  | Money and credit                   |   | NA |   |
|           |    | Hist Ch:5 | Print culture and the Modern world |   | NA |   |
| October   | 18 | Geo Ch 7  | Life line of<br>National Economy   | Only Map work is in the syllabus  | NA | Map work  |
|           |    | Eco Ch: 4 | Globalisation                      | Group PPT on - The Impact of Globalization on Local Economies: Balancing Opportunities and Challenges | NA |   |

| November | 22 | PS Ch 7 | Outcomes of Democracy | NA | Democratic Decision-<br>Making Simulation |
|----------|----|---------|-----------------------|----|---|
| December | 24 |         | PRE BOARD 1           |    |   |
| January  | 14 |         | PRE BOARD 2           |    |   |

### GAMES , SPORTS AND FITNESS

## CLASS 10th

| MONTH            | UNIT   | TOPICS   | ART<br>INTEGRATIO<br>N ACTIVITY | PRACTICAL<br>S | SUBJECT<br>ENRICHMANE<br>T ACTIVITY |
|------------------|--|--|---------------------------------|----------------|-------------------------------------|
| April and<br>May | 1st week -<br>General<br>motor<br>fitness<br>drills. | 1.Warming up 2.Continuous run/walk. 3.Free hand exercises in group.  | N/A                             | N/A            | N/A                                 |
|                  | 2nd week -<br>Mass PT for<br>co-<br>ordination       | 1.Warming up 2.Free hand exercises for mobility. 3.Four exercises will be practiced in 16 counts each.   |                                 |                |                                     |
|                  | 3rd week - strength and flexibility.                 | 1.Body weight exercises for upper body strength. a. Push ups with modification for boys and girls. b. Plank, V Position hold for Core strength. 2. Dynamic and Static stretching exercises for upper and lower body. |                                 |                |                                     |
|                  | 4th week -<br>Free play.                             | Football Basket ball Badminton Self game   |                                 |                |                                     |
| July             | 1st week -<br>General<br>motor<br>fitness<br>drills. | 1.Running/jogging(1<br>5 mins)<br>2.Slowfast run/walk.<br>3.Free hand<br>exercises/calisthenics  |                                 |                |                                     |
|                  | 2nd week -<br>Mass PT for<br>coordinition            | 1.Warming up 2.Free hand exercises.  |                                 |                |                                     |

|            |                          | 3.Six exercises will                      |  |  |
|------------|--------------------------|---|--|--|
|            |                          | be practiced in                           |  |  |
|            |                          | groups, supervised by teacher and student |  |  |
|            |                          | leaders.                                  |  |  |
|            |                          | 1.Warming up                              |  |  |
|            | 3rd week -               | 2.Free hand                               |  |  |
|            | speed, agility.          | exercises. 3.50 mts,80 mts                |  |  |
|            |                          | sprints with                              |  |  |
|            |                          | repetitions.                              |  |  |
|            | 4.1 1                    | Football                                  |  |  |
|            | 4th week -<br>Free play  | Basketball                                |  |  |
|            | l 100 pinj               | Badminton<br>Self game                    |  |  |
| August     | 1st week -               | Running, jumping                          |  |  |
|            | General and specific     | and shuffling drills on hurdles and       |  |  |
|            | motor                    | cones.                                    |  |  |
|            | fitness                  |   |  |  |
|            | drills.                  |   |  |  |
|            | 2nd week -               | 1.Standing in file                        |  |  |
|            | March past practice.     | formation 2.Marching on the               |  |  |
|            | pructice.                | spot.                                     |  |  |
|            |                          | 3. About turn practice.                   |  |  |
|            |                          | 4. Quarter turn right and left.           |  |  |
|            | 3rd week -               | Teaching rules and                        |  |  |
|            | Indigenous               | regulations kho kho                       |  |  |
|            | game, kho<br>kho         | with game play.                           |  |  |
|            |                          |   |  |  |
|            | 4th week -               | Basketball                                |  |  |
|            | Game play                | Football<br>Badminton                     |  |  |
|            |                          | Self game                                 |  |  |
|            |                          |   |  |  |
| Septembe r | 1st week -<br>Evaluation | Fitness test<br>Viva                      |  |  |
| 1          |                          |   |  |  |
|            | 2nd and 3rd<br>week -    | Term 1 Exams                              |  |  |
|            | Term 1                   |   |  |  |
|            | exams                    |   |  |  |
|            |                          |   |  |  |

|           | 4th week -      | Football              |  |  |
|-----------|-----------------|-----------------------|--|--|
|           | Free play       | Basketball            |  |  |
|           | Tree play       | Volleyball            |  |  |
|           |                 | Badminton             |  |  |
| October   | 1st and 2nd     | 1.Exercise 1 to 8.    |  |  |
| October   | week            |                       |  |  |
|           |                 | practice in one group |  |  |
|           | Mass PT         | supervised by student |  |  |
|           | March past      | leader and teacher.   |  |  |
|           |                 | 2.Marching on the     |  |  |
|           |                 | spot.                 |  |  |
|           |                 | 3.Forward march.      |  |  |
|           |                 | 4.practice for arm    |  |  |
|           |                 | actions.              |  |  |
|           |                 |                       |  |  |
|           | 3rd and 4th     | Football              |  |  |
|           | week            | Basketball            |  |  |
|           |                 | Badminton             |  |  |
|           | Free play       | Dodgeball             |  |  |
| November  | RBCL            | RBCL                  |  |  |
| December  | RBCL            | RBCL                  |  |  |
| January   | 1st week        | Winter break          |  |  |
|           | and 2nd         |                       |  |  |
|           | week            |                       |  |  |
|           | Week            |                       |  |  |
|           | 3rd week -      | 1.Shuttle Run.        |  |  |
|           | Group           | 2.Push ups            |  |  |
|           | fitness drills  | 3.Sit ups             |  |  |
|           | Titiless diffis | 3.5it ups             |  |  |
|           | 4th week -      | Football              |  |  |
|           | Free play       | Basketball            |  |  |
|           | l icc play      | Badminton             |  |  |
| February  | Evaluation      | Fitness test          |  |  |
| 1 cordary |                 | Viva                  |  |  |
|           |                 | VIVA                  |  |  |

#### **SYLLABUS-2024-25**

SUBJECT -ENGLISH

Class X

| MONTH | UNIT | TOPICS                    | ART<br>INTEGRATION | SUBJECT<br>ENRICHMENT<br>ACITIVTY | PRACTICAL |
|-------|------|---------------------------|--------------------|-----------------------------------|-----------|
|       |      |                           |                    | Various kinds of                  |           |
|       |      |                           |                    | data/graphs/surveys               |           |
|       |      |                           |                    | and types of cues to be           |           |
|       |      | WRITING SKILLS -          |                    | discused from the                 |           |
|       |      | Analytical Paragraph      |                    | newspaper for analysis            |           |
|       |      |                           |                    | To look for relevant              |           |
|       |      |                           |                    | letters in the                    |           |
|       |      | Formal Letters            |                    | newspapers                        |           |
|       |      | FIRST FLIGHT              |                    |                                   |           |
|       |      |                           |                    | Worksheet to asses                |           |
|       |      | <b>PROSE-</b> A Letter to |                    | learning                          |           |
| APRIL |      | God                       |                    | comprehension                     |           |
| 23    |      |                           |                    | Worksheet to asses                |           |
|       |      | <b>PROSE-</b> Nelson      |                    | learning                          |           |
|       |      | Mandela: A long Walk      |                    | comprehension &                   |           |
|       |      | to Freedom                |                    | handouts                          |           |
|       |      |                           |                    | Worksheet to asses                |           |
|       |      |                           | Pictoral depiction | learning                          |           |
|       |      |                           | of the poem based  | comprehension &                   |           |
|       |      | <b>POEM-</b> Dust of Snow | on understanding   | handouts                          |           |
|       |      |                           |                    | Worksheet to asses                |           |
|       |      |                           |                    | learning                          |           |
|       |      |                           |                    | comprehension &                   |           |
|       |      | Fire and Ice              |                    | handouts                          |           |

|      |              |                           | Draw a symbol     |                         |  |
|------|--------------|---------------------------|-------------------|-------------------------|--|
|      |              |                           | and state colour  | Worksheet to asses      |  |
|      |              |                           | for captivity and | learning                |  |
|      | Tio          | ger in the Zoo            | freedom           | comprehension           |  |
|      |              | OOTPRINTS                 | necdom            | comprehension           |  |
|      |              | ITHOUT FEET               |                   |                         |  |
|      |              |                           |                   | Worksheet to asses      |  |
|      |              |                           |                   | learning                |  |
|      | A            | Triumph of Surgery        |                   | comprehension           |  |
|      | FI           | RST FLIGHT                |                   |                         |  |
| MAY  | PF           | ROSE-Two Stories          |                   | Paragraph writing on    |  |
| 12   | abo          | out Flying                |                   | the supernatural aspect |  |
| 12   |              |                           | Roles will be     |                         |  |
|      |              |                           | assigned to read  |                         |  |
|      |              |                           | the stanzas to    |                         |  |
|      |              |                           | differentiate     |                         |  |
|      |              |                           | between the       |                         |  |
|      | PC           | <b>DEM-</b> How to Tell   | animals and bring |                         |  |
|      | W:           | ild Animals               | out humour        | Handouts                |  |
|      | FI           | RST FLIGHT                |                   |                         |  |
|      | PF           | <b>ROSE-</b> Glimpses of  |                   |                         |  |
|      | Inc          | dia                       |                   | Dialogue writing        |  |
|      |              |                           |                   | Revisit history -       |  |
| JULY |              |                           |                   | WW2- an                 |  |
| 25   | Fre          | om the Diary of Anne      |                   | interdisciplinary       |  |
|      | Fra          | ank                       |                   | discussion              |  |
|      | PC           | <b>DEM-</b> The Ball Poem |                   | Handout                 |  |
|      |              | OOTPRINTS                 |                   |                         |  |
|      | $\mathbf{W}$ | ITHOUT FEET               |                   |                         |  |

|          |                         |                    | Change the ending of     |
|----------|-------------------------|--------------------|--------------------------|
|          |                         |                    | the story- In dialogue   |
|          | The Thiefe Story        |                    | form                     |
| <u> </u> | The Thief's Story       |                    | Letter to Editor - How   |
|          |                         |                    |                          |
|          |                         |                    | wit and intelligence can |
|          | The Midnight Visitor    |                    | win the day              |
|          | FIRST FLIGHT            |                    |                          |
|          |                         |                    | Diary entry of the       |
|          | POEM- Amanda            |                    | protagonist & handout    |
|          |                         | A picture given    |                          |
|          |                         | and questions have | Worksheet with poetic    |
| AUGUST   | The Trees               | to be written      | devices                  |
| 23       | FOOTPRINTS              |                    |                          |
|          | WITHOUT FEET            |                    |                          |
|          |                         |                    | To have an open          |
|          |                         |                    | discussion on brilliance |
|          | Footprints without Feet |                    | vs. criminality          |
|          | Making of a Scientist   |                    |                          |
| SEPTEMBE | REVISION                |                    | ASL                      |
| R        | TERM-1                  |                    |                          |
| 22       | EXAMINATIONS            |                    |                          |
|          | FIRST FLIGHT            |                    |                          |
|          | PROSE- Madam Rides      |                    |                          |
|          | the Bus                 |                    |                          |
|          | Mijbil, the Otter       |                    |                          |
| OCTOBER  | ·                       | Depiction of fog   |                          |
| 18       | <b>POEM-</b> Fog        | in symbols         | Handouts                 |
|          | The Tale of Custard the |                    |                          |
|          | Dragon                  | Comic Strip        | Handouts                 |
|          | FOOTPRINTS              |                    |                          |
|          | WITHOUT FEET            |                    |                          |

|          | A Question of Trust         |                     |                        |  |
|----------|-----------------------------|---------------------|------------------------|--|
|          |                             | PPT- Influence of   |                        |  |
|          | The Necklace                | influencers         |                        |  |
|          | FIRST FLIGHT                |                     |                        |  |
|          | <b>PROSE-</b> The Sermon at |                     |                        |  |
|          | Beneras                     |                     |                        |  |
|          |                             | Role play with      |                        |  |
|          | <b>DRAMA-</b> The Proposal  | voice modulation    |                        |  |
|          | <b>POEM-</b> For Anne       |                     | Links for audio        |  |
|          | Gregory                     |                     | rendition of the Poem  |  |
| NOVEMBER | FOOTPRINTS                  |                     |                        |  |
| 22       | WITHOUT FEET                |                     |                        |  |
|          |                             |                     | A discussion on social |  |
|          |                             |                     | evils like early       |  |
|          | Bholi                       |                     | marriage and dowry     |  |
|          |                             | Role play with      |                        |  |
|          |                             | sound effect on the |                        |  |
|          | <b>DRAMA-</b> The Book      | smart TV- group     |                        |  |
|          | That Saved The Earth        | wise                |                        |  |
| DECEMBER | REVISION TESTS              |                     |                        |  |
| 24       | Based on Full Syllabus      |                     |                        |  |
| JANUARY  | REVISION TESTS              |                     |                        |  |
| 14       | Based on Full Syllabus      |                     | ASL                    |  |
| FEBURARY | REVISION TESTS              |                     |                        |  |
| 21       | Based on Full Syllabus      |                     |                        |  |
|          |                             |                     |                        |  |

Note: Grammar concepts will be revised at regular intervals based on the CBSE blueprint via worksheets.

#### SUBJECT -Financial Markets (405)

#### CLASS - X

| MONTH  | UNIT                 | TOPICS  | ART<br>INTEGRATIO<br>N ACTIVITY                        | PRACTICAL<br>S                       | SUBJECT<br>ENRICHMANE<br>T ACTIVITY  |
|--------|----------------------|---|--|--------------------------------------|--|
| April  | Investment<br>Basics | <ul> <li>Savings Versus         <ul> <li>Investment</li> </ul> </li> <li>Stock Exchange</li> <li>Mutual Funds</li> </ul>                                  | Collage of<br>top 10<br>performing<br>Mutual<br>Funds. | List the various Investmen t avenues | Understand<br>and make the<br>chart of<br>interest Rates<br>on the basis     |
|        | Securities           | <ul> <li>Securities         <ul> <li>Market</li> </ul> </li> <li>Regulators</li> <li>Market         <ul> <li>Participants</li> </ul> </li> </ul>          |  |                                      | of compound<br>Interest.   |
| May    | Primary<br>Market    | <ul> <li>New Issue Market</li> <li>Issue Of Shares</li> <li>NSE and Foreign Capital Issuance</li> </ul>   | Collect<br>Sample of<br>different<br>IPOs              | Write<br>about<br>upcoming<br>IPOs   | Analyse the IPO  |
| July   | Secondary<br>Market  | <ul> <li>Securities         <ul> <li>Market</li> </ul> </li> <li>Stock Exchange</li> <li>Trading</li> <li>Future and</li> </ul>                           | Paste the<br>Sample copy<br>of Shares.                 | Activity on<br>Stock<br>Simulation   | Login in Stock<br>Simulation<br>site to<br>experience<br>Trading.            |
|        | Derivatives          | Options Market  • Commodity   |  |                                      |  |
| August | Depository           | <ul> <li>Meaning Of         Depository         Holding Of             Securities         Ownership         Dematerialisati             on     </li> </ul> | Paste the<br>logo of CDSL<br>and NSDL                  | Assessmen<br>t Sheet                 | Observe the functioning of CDSL and NSDL                                     |
|        | Mutual<br>Funds      | <ul> <li>Basic Of Mutual<br/>Funds</li> <li>Active/ Passive<br/>Fund</li> </ul>   |  |                                      | Analyse the Risk and Return of different Mutual Funds with the help of Grow. |

| Septembe<br>r | Miscellaneou<br>s                    | • | Introduction Corporate Actions Corporate Actions and Index Clearing and Settlement Post Market Activities | Writing<br>Methods of<br>Pay in and<br>Pay out Day                 | Do<br>practice of<br>Trading in<br>Simulated<br>Stock<br>Market.                      | Watch Trading Procedure by login in sites provided by NSE   |
|---------------|--------------------------------------|---|---|--|---|---|
| October       | Concepts<br>And Modes<br>of Analysis | • | Time Value of<br>Money<br>Annual Report<br>Accounting<br>Terms and<br>Technologies                        | Prepare<br>table of<br>Inflation<br>Rates in<br>different<br>years | Read<br>Annual<br>Reports of<br>Existing<br>Company.                                  | Prepare<br>Riddles on<br>different<br>Accounting<br>Terms   |
| Novembe<br>r  | Ratio<br>Analysis                    | • | Introduction Liquidity Ratios Leverage / Capital Structure Profitability Ratios                           | Arrange and highlight the relevant aspects in Annual Reports.      | Develop<br>relationshi<br>p between<br>different<br>variables<br>in Balance<br>Sheet. | Use different Ratio as a tool to analyse and comment on Profitability, Performance and Liquidity. |