

SYLLABUS FOR ACADEMIC YEAR: 2024-25**CLASS- IX SUBJECT- English****Name of the Books – Beehive, Moments**

| MONTH | CONTENT/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
|---------------|--|--|---|
| APRIL | The Fun They Had The Sound of Music The Road not Taken The Lost Child Diary Entry Tenses | Editing Omission Jumbled words | |
| MAY | The Little Girl A Truly Beautiful Mind Wind Rain on the Roof Adventures of Toto Ishwaran the Storyteller More Practice of Tenses Subject- verb Agreement Descriptive Paragraph Writing | Comprehension Passages Dialogue writing | Story reading |
| JUNE | SUMMER BREAK | | |
| JULY | The Snake and the Mirror My Childhood The Lake Isle of Innisfree A legend of the Northland In the Kingdom of Fools The Happy Prince Reported Speech Story writing – Based on hints | Reported Speech practice Revision of Editing & Omission | Dialogue writing Reading stories |
| AUGUST | Reach for the Top No Men are Foreign The Last Leaf Modals Kathmandu Story writing –Based on theme | ASL | Speaking activities- Group discussion, speech |

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| SEPTEMBER | HALF YEARY EXAMS | Revision: Beehive Ch 1 – 6 Moments Ch 1 – 5, story writing, Integrated Grammar | Assignments, Mind maps, Sample paper practice papers. |
| OCTOBER | On Killing a Tree A House is not a Home Kathmandu A Slumber did my Spirit Seal Diary writing (Practice) | Practice of grammar | Omission/edition, Tenses, |
| NOVEMBER | The Beggar If I were you Story writing – Based on Beginning and Ending | Revision: Beehive -ch 1 – 7 Moments: ch 1 – 7 Poetry – 1-6, story writing, diary entry, Integrated Grammar | Assignments, MCQs, mind maps, sample papers |
| DECEMBER | Reported speech practice Integrated Grammar PRE BOARD EXAM-1 | Revision of the whole syllabus according to exam pattern | Sample paper assignments, mind maps |
| JANUARY | WINTER BREAK PRE BOARD EXAM-2 (X and XII) | Revision of the whole syllabus according to exam pattern | Sample paper assignments, mind maps |
| FEBRURARY | Practice of whole syllabus according to exam pattern | Revision: Beehive 1 – 11 Moments: 1 – 10, Descriptive paragraph, story writing, Integrated Grammar | Sample paper assignments |

***If winter break extends after 10th January, online revision classes will be held from 10 AM to 12 noon.**

SYLLABUS FOR ACADEMIC YEAR: 2024-25
CLASS-IX **SUBJECT-HINDI**

Name of Books- Kshitij and Kritika

| MONTH | CONTENTS/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
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| April | क्षितिज:- पाठ-1 दो बैलों की कथा पाठ-7 साखियाँ एवं सबद व्याकरण:- उपसर्ग प्रत्यय, अर्थ के आधार पर वाक्य अनुच्छेद:- सत्संगति, कृषि का महत्व | कबीर के दोहो का संकलन | पशुओं के प्रति संवेदनशीलता पर चर्चा सादगी व उच्च विचारों पर चर्चा |
| May | क्षितिज:- पाठ-2 लहासा की ओर पाठ-8 वाख कृतिका:- पाठ-1 इस जल प्रलय में • लघु कथा • पठित व अपठित बोध औपचारिक पत्र :- संपादक को (शिकायती) | बाढ़ से होने वाली जान व माल की हानि पर अनुच्छेद लिखें। | यात्रा वृत्तान्त पर चर्चा मौखिक परीक्षा, |
| June | ग्रीष्म अवकाश कार्य में अपनी रचनात्मकता दिखाना | | |
| July | क्षितिज:- पाठ-3 उपभोक्तावाद की संस्कृति पाठ-9 सवैये कृतिका:- पाठ-2 मेरे संग की औरतें अनौपचारिक पत्र:- (मित्र संबंधी) • सूचना | फैशन का युवा पीढ़ी पर प्रभाव वर्तमान समय में महिलाओं की स्थिति पर चर्चा | मौखिक परीक्षा औपचारिक व अनौपचारिक पत्र के प्रारूप पर कार्यपत्र |
| August | क्षितिज:- पाठ-4 साँवले सपनों की याद पाठ-10 कैदी और कोकिला कृतिका:- पाठ-3 रीढ़ की हड्डी व्याकरण:- समास | प्रकृति व पर्यावरण के प्रति सजगता | सैंपल पेपर से दोहराई ब्लैक बोर्ड परीक्षा |
| September | गद्य और पद्य व कृतिका की पुनरावृत्ति | वर्ग पहेली द्वारा उपसर्ग प्रत्यय समास, अर्थ के आधार पर वाक्य की दोहराई | कार्यपत्र द्वारा दोहराई |

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| October | क्षितिज:- पाठ-5 प्रेमचंद के फटे जूते पाठ- 11 ग्राम श्री <ul style="list-style-type: none"> • संवाद • ईमेल | वर्ग पहेली में समास छाँटकर लिखें महिला सशक्तिकरण | सैंपल पेपर से दोहराई करवाना गाँव के साँदर्य पर चर्चा |
| November | क्षितिज:- पाठ-6 मेरे बचपन के दिन पाठ- 12 मेघ आए व्याकरण:- अलंकार अनुच्छेद:- परीक्षा के कठिन दिन | बचपन की मधुर स्मृतियों का वर्णन | वर्षा ऋतु पर कविता का संकलन ब्लैकबोर्ड परीक्षा |
| December | क्षितिज:- पाठ-13 बच्चे काम पर जा रहे हैं पिछले पाठों की पुनरावृत्ति | बाल मजदूरी पर अनुच्छेद लिखें | सरकार द्वारा बाल मजदूरी पर रोक पर चर्चा मौखिक परीक्षा |
| January | अनुच्छेद:- विज्ञान के चमत्कार <ul style="list-style-type: none"> • औपचारिक व अनौपचारिक पत्र की दोहराई | | कार्य पत्र द्वारा दोहराई, सैंपल पेपर से दोहराई करवाना लिखित परीक्षा मौखिक परीक्षा ब्लैक बोर्ड परीक्षा |
| February | क्षितिज:- क्रमानुसार पाठों की दोहराई कृतिका:- क्रमानुसार पाठों की दोहराई व्याकरण:- उपसर्ग प्रत्यय , समास, अलंकार <ul style="list-style-type: none"> • लघु कथा, • संवाद लेखन का अभ्यास श्रवण एव वाचन कौशल का अभ्यास | | |

SYLLABUS FOR ACADEMIC YEAR: 2024-25
CLASS- IX SUBJECT- Mathematics
Name of the Books - Secondary Mathematics

| MONTH | CONTENT/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
|------------------|---|---|--|
| APRIL | Chapter -1 Number System Chapter-3 Coordinate Geo. | Construct square root spiral showing relation with figures in nature Plot a graph of the number obtained on the top faces of two different colored dice thrown 5 times. | By using colorful pens and papers. |
| MAY | Chapter-2: Polynomials Chapter-4 Linear equation in two variables | Verification of formula $(a + b + c)^2$ by cutting & pasting. Graph of linear equation in two variables. | By using colorful pens and papers. |
| JUNE | SUMMER BREAK | | |
| JULY | Chapter - 6 Lines & Angles Chapter -7 Triangles | Role play on math situation. | Dramatisation |
| AUGUST | Chapter-12 Heron's Formula | To find area of irregular shaped field. | Practical verification and observation |
| SEPTEMBER | HALF YEARY EXAMS | Revision of Syllabus of half yearly exam | Oral test. Assignment, brain map, glass board test, Quiz, case studies |
| OCTOBER | Chapter - 8 Quadrilateral Chapter-14 Statistics Chapter-5 Euclid Geometry | Explanation of properties of quadrilateral by paper folding , cutting and pasting Draw the bar graph of marks of all subjects in PT-1 obtained by you | by paper folding , cutting and pasting |
| NOVEMBER | Chapter - 10 Circles Chapter-13 Surface Area and volume | Verification of angle subtended by an arc at centre is twice of angle on remaining part of circle. Find curved surface area of a cone . Revision of syllabus of term 1) | Oral test. Assignment, brain map, glass board test, Quiz, case studies pear groups |
| DECEMBER | PRE BOARD EXAM-1 | Revision of Full syllabus of Preboard | Oral test. Assignment, brain map, glass board test, Quiz, case studies pear groups |
| JANUARY | WINTER BREAK PRE BOARD EXAM-2 | Revision of Full syllabus | Oral test. Assignment, brain map, glass board test, Quiz, case studies pear groups |
| FEBRURARY | MENTION REVISION SCHEDULE | Revision of Full syllabus | Oral test. Assignment, brain map, glass board test, Quiz, case studies pear groups |

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SYLLABUS FOR ACADEMIC YEAR: 2024-25**CLASS- IX SUBJECT- SCIENCE****NAME OF THE BOOKS – NCERT**

| MONTH | CONTENT/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
|---------------|---|---|--|
| APRIL | Chapter-1 Matter in our surroundings Chapter -5 Cell Chapter-7 Motion | To study different types of matter present around us and characteristics of particles of matter Draw labeled diagrams of animal and plant cells. To study uniform and non uniform motion | Group discussion and preparation of potassium permanganate solution and dilution of this solution to explain size of particles of matter. *To prepare stained temporary mount of onion peel and human cheek cells. *Examples from real life, toy car, stone and thread remove. |
| MAY | Chapter- 6 Tissues: Plant Tissues Chapter-8 Motion (Continued) Chapter-8 Force and laws of Motion | a) Identification of parenchyma, collenchyma and sclerenchyma tissues in plants through slides and draw their label diagrams b) Identification of striped, smooth and cardiac muscles fibers and nerve cells in animals from prepared slides | *Diagrams of plant and animal tissues, concept maps, comparative tables, case study, graphs *Examples from real life, catching of cricket ball, glass Tumbler cardboard and a coin. |
| JUNE | SUMMER BREAK | | |
| JULY | Chapter- 6 Tissues : Animal Tissues (Continued) Chapter-2 Is matter around us pure? | Preparation of - a) true solution of common salt sugar and alum b) A suspension of soil, chalk powder and fine sand in water. c) A colloidal solution of starch in water and egg albumin / milk in water and distinction between these on the basis of transparency filtration criterion & stability d) Preparation of a mixture and the compound using Iron fillings and Sulphur powder. | *Diagrams of animal's tissues, concept maps and comparative tables. *Prepare solution, suspension and colloid. * Perform the various activities for physical or chemical changes. |
| AUGUST | Chapter-9 Gravitation | Determination of density of solid by using a spring balance and measuring cylinder. Establishing the relation between the loss in weight when fully immersed in tap water and salty water | *Classroom objects, example of apple and earth, Brass and stone. |

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| SEPTEMBER | HALF YEARLY EXAMS | Revision of all chapters covered before Half Yearly | *Oral and written Test *Assignments *Classroom discussion *Presentation *Group quiz |
| OCTOBER | Chapter-3 Atoms and Molecules Chapter-12 Food Production | Verification of law of conservation of mass in a chemical reaction Study of Kharif and Rabi crops | *Activity for law of conservation of mass, Tables, concept maps Presentation and charts |
| NOVEMBER | Chapter-10 Work and Energy Chapter-11 Sound | To study different types of work To prove law of conservation of energy To study properties of sound | *Toy cars , wooden block, chalk and duster, examples of satellite and earth *Tunning fork ,rubber pad . Tests and assignments |
| DECEMBER | PRE BOARD EXAM -1 Chapter-4 Structure of Atom. | Revision of chapters covered after half yearly exams Paper attraction activity by rubbing scale and pen with silk cloth to felt the presence of charge particles inside atom | * Group activity -Key words used to describe. Atomic structure will be written on the board. Students come up with a list of questions that their partner must answer by using the key words *Models for structure of different atoms |
| JANUARY | WINTER BREAK PRE BOARD EXAM -2 | Revision of Structure of atom and syllabus of PB- 2 | Revision through tests and assignments |
| FEBRURARY | Revision through sample papers and internal assessment | *Complete syllabus Revised | By solving previous year question papers Tests and assignments Revision through presentation Formulae charts Mind maps |
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SYLLABUS FOR ACADEMIC YEAR: 2024-25**CLASS-IX, SUBJECT- SOCIAL SCIENCE****Name of the Books -Democratic Politics I****-Contemporary India I****- Economics****-India and Contemporary World I**

| MONTH | CONTENT/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
|------------------|---|--|--|
| APRIL | L-1 India-Size and Location {Geo.} L-2 What Is Democracy? Why Democracy? {Pol. Sc.} L-1 French Revolution {Hist.} | Map Work-India Picture Study Map Work-France | Concept Map, Map Mind map, Discussion Timeline, Mind map, Notes |
| MAY | L-2 Physical Features of India {Geo.} L-1 The Story of Village Palampur {Eco.} L-2 People as a Resource {Eco.} L-3 Constitutional Design {Pol.Sc.} | Map Work-Physiographic divisions of India For internal assessment only Poster on right to education tabular Charts. Chart -Preamble | Concept maps, tables, Comparisons, Flipped classroom MCQS Case study, real life examples, comparisons Concept maps, discussion |
| JUNE | SUMMER BREAK | | |
| JULY | L-3 Drainage {Geo.} L-2 Socialism in Europe and the Russian Revolution. {Hist.} L-4 Forest Society and Colonialism {Hist.} L-4 Climate {Geo.} | Map Work –Main rivers and lakes Map Work-Countries of World War I&II For internal assessment only Map Work-Meteorological Cities of India | Tables, maps, Notes Concept maps, Notes Map Work-Countries of World War I&II Story telling Maps, Comparisons, Tables |
| AUGUST | L-3 Nazism and Rise of Hitler {Hist.} L-4 Electoral Politics {Pol.Sc.} L-3 Poverty as A Challenge {Eco.} | Map Work-World slogans given by political parties. Case study, Data Analysis | Story telling, Notes, Map Work Mind Map real life examples Case study, Tables, flow charts |
| SEPTEMBER | HALF YEARLY EXAMS -REVISION | 1.Economics-L-1,2,3 2.Geography-L-1,2,3,4 3.Political Science-L-1,2,3,4 4.History-L-1,2 | REVISION -Sample papers, assignments, Notes Map work, Written Test ,Group Revision |

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| OCTOBER | L-5 Natural Vegetation and wildlife. {Geo.} L-4 Food Security {Eco.} L-5 Working of Institutions. {Pol.Sc} | Map Work Only Chart-Food security schemes of Government Comparison of Lok Sabha and Rajya Sabha | Map Work -India National Parks Concept maps, Notes Comparison, Concept map, Flipped classroom |
| NOVEMBER | L-6. Population {Geo.} +REVISION | Data Analysis +REVISION | Flow charts & Map work-Population Density +REVISION- Sample papers, assignments, Notes Map work, Written Test , Group Revision |
| DECEMBER | PRE BOARD EXAM-1 L-6 Democratic Rights {Pol.Sc.} | Poster on fundamental rights, Quiz | Web Charts, Case study, A-R type Question |
| JANUARY | WINTER BREAK PREBOARD-2 | REVISION-Full Syllabus | Sample papers, assignments, Notes , Written tests, Peer assessment Map work, A+R type questions, |
| FEBRUARY | 1. Economics 2. Geography 3. Political Science 4. History | REVISION-Full Syllabus | Sample papers, assignments, Notes , Written tests Map work, A+R type questions |
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SYLLABUS FOR ACADEMIC YEAR: 2024-25
CLASS-IX SUBJECT- ARTIFICIAL INTELLIGENCE
Name of the Books – SUMITA ARORA

| MONTH | CONTENT/CHAPTERS | ACTIVITIES/PRACTICALS | PEDAGOGY |
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| APRIL | <p style="text-align: center;">Part B :</p> <p>Unit 1 - INTRODUCTION TO AI</p> <ul style="list-style-type: none"> • Let's Get Started Session: Introduction to AI and related terminologies • Introducing AI, ML & DL. Introduction to AI Domains (Data, CV & NLP) • AI Ethics | Power point presentation on, Introduction to AI, Videos , Videos related to, Dream smart home , | Students to design a rough layout of floor plan of their dream smart school.(Ice Breaker Activity) Parameters: Creativity Is innovative in ideas ,Originality, Content ,Knowledge and Topic Relevance |
| MAY | <p style="text-align: center;">Part B :</p> <p>Unit 2 - Project Cycle</p> <ul style="list-style-type: none"> • Problem Scoping • Data Acquisition • Data Exploration • Modelling • Evaluation | AI for Oceans, Video will be shown to students to understand the problem what will be solution for the same. | PPT on AI Project Cycle |
| JUNE | SUMMER BREAK&EXTRA CLASSES FOR X & XII | | |
| JULY | <p style="text-align: center;">Part B :</p> <p>Unit 4 –Neural Network</p> <p style="text-align: center;">Part A:</p> <p>Unit-1 communication skills</p> | Kahoot Quiz or Google Form Quiz, | Proper explanation of Neural Network, and its concepts by using gamification methods |
| AUGUST | <p style="text-align: center;">Part B :</p> <p>Unit 3 –Python</p> <p style="text-align: center;">Part A:</p> <p>Unit-2 Self management skills Unit-3 Ict skills</p> | Project Work, Demonstration on features of Python Language, Working Mode in Python. | Conditional Statements and Looping Programming |
| SEPTEMBER | HALF YEARY EXAMS | <p>Part B –</p> <p>Unit 1 - INTRODUCTION TO AI Unit 2 - AI Project Cycle</p> <p>Part A –</p> <p>Unit-1 communication skills</p> | Group Discussion , Graphical Presentations, Tests, Assignments, |
| OCTOBER | <p style="text-align: center;">Part B :</p> <p>Unit 3 –Python</p> <p style="text-align: center;">Part A:</p> <p>Unit-4 Entrepreneur skills Unit-5 Green skills</p> | Power point presentation on SDGS goal with brief discussion, Kahoot quiz | Student has to create job advertisement for a firm describing the nature of job and the skill-set required for it 10 years down |

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| | | | the line. They need to describe the impact of AI on the nature of jobs. |
| NOVEMBER | Part B: Unit 3 - PYTHON (UPTO 10TH NOV) SALLYBUS REVISION | Python Programming CONTENT TO BE REVISED AFTER 20 TH NOVEMBER Part B – Unit –3 Neural Network Part A – Unit-2 Self management skills Unit-3 Ict skills | Group Discussion , Graphical Presentations, Tests, Assignments, Emphasising high-weightage topics |
| DECEMBER | PRE BOARD EXAM-1 | Part B : Unit 1 – Unit 2 Part A Unit 1 – Unit 3 | |
| JANUARY | WINTER BREAK PRE BOARD EXAM-2 (X and XII) | Full Syllabus | Group Discussion , Graphical Presentations, Tests, Assignments, Emphasising high-weightage topics |
| FEBRURARY | MENTION REVISION SCHEDULE | Full Syllabus | Practice Active Recall, Summarize and Simplify, Note Taking, Mind Methods |
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