

**SYLLABUS FOR CLASS-IX**

**SESSION 2021-22**

**ENGLISH**

**APRIL**

**LITERATURE-BEEHIVE -**

Lesson 1	The Fun They Had
Lesson 2	The Sound of Music
Poem 1	The Road Not Taken
Poem 2	Wind

**SUPPLEMENTARY READER - MOMENTS**

Lesson 1	The Lost Child
Lesson 2	The Adventures of Toto

**WORKBOOK Unit - 1, 2**

**GRAMMAR**

Tenses, Gap- Filling

**WRITING SKILLS**

Notice Writing, Story Writing

**READING SKILLS**

Unseen Comprehension

**Multiple Assessment**

Declamation

**MAY & JUNE**

**BEEHIVE**

Lesson 3	The Little Girl
Poem 3	Rain On the Roof
Lesson 3	Iswaran the Storyteller

**MOMENTS**

**WORKBOOK**

Unit - 3

**GRAMMAR**

Editing, Gap -Filling

**WRITING SKILLS**

Informal Letter Writing, Diary Writing

**LISTENING SKILLS**

Unseen Comprehension

**Multiple Assessment**

Mind Map

**JULY**

**BEEHIVE**

Lesson 4	A Truly Beautiful Mind
Poem 4	The Lake Isle of Innisfree
Lesson 4	In the Kingdom of Fools

**MOMENTS**

**WORKBOOK**

Unit - 4, 5

**GRAMMAR**

Connectors, Adjectives-Comparisons

**WRITING SKILLS**

Description (Person, Place),

Informal Letter Writing

**READING SKILLS**

Literary Comprehension

**AUGUST**

**BEEHIVE**

Lesson 5	The Snake and the Mirror
Lesson 6	My Childhood
Poem 5	A Legend of the Northland

**WORKBOOK**

Unit - 6

**GRAMMAR**

Passive Voice, News Headlines

**WRITING SKILLS**

Story Writing, Description (Person ,Place)

**SUBJECT ENRICHMENT ACTIVITY**

Speaking And Listening Skills

## SEPTEMBER

**MOMENTS** Lesson 5 The Happy Prince  
**READING SKILLS** Unseen Comprehension

## OCTOBER

**BEEHIVE** Lesson 7 Packing  
Lesson 8 Reach for The Top  
Poem 6 No Men Are Foreign  
**MOMENTS** Lesson 6 Weathering the Storm in Ersama  
Lesson 7 The Last Leaf  
**WORKBOOK** Unit - 7  
**GRAMMAR** Dialogue Writing, Narration  
**WRITING SKILLS** Formal Letter, Diary Writing

## NOVEMBER

**BEEHIVE** Lesson 9 The Bond of Love  
Poem 7 The Duck and the Kangaroo  
**MOMENTS** Lesson 8 A House is Not A Home  
**WORKBOOK** Unit - 8, 9  
**GRAMMAR** Determiners, Subject Verb Agreement  
**WRITING SKILLS** Description (Person, Place), Story Writing  
**READING SKILLS** Unseen Comprehension  
**MULTIPLE ASSESSMENT** Exit Card

## DECEMBER

**BEEHIVE** Lesson 10 Kathmandu  
Poem 8 On Killing a Tree  
Poem 9 The Snake Trying  
**MOMENTS** Lesson 9 The Accidental Tourist  
**WORKBOOK** Unit - 10, 11  
**GRAMMAR** Modals, Clauses  
**WRITING SKILLS** Story Writing, Informal Letter Writing  
**READING SKILLS** Literary Passage  
**SUBJECT ENRICHMENT ACTIVITY**  
Speaking and Listening Skills

## JANUARY

**BEEHIVE** Lesson 11 If I were You  
Poem 10 A Slumber Did My Spirit Seal  
**MOMENTS** Lesson 10 The Beggar  
**GRAMMAR** Integrated Grammar, Dialogue Writing  
**READING SKILLS** Unseen Comprehension

## FEBRUARY

Revision of all the topics covered from April to January

## हिन्दी

### अप्रैल

स्पर्श (गद्य)	पाठ - 2	दुःख का अधिकार
(पद्य)	पाठ - 9	रैदास के पद
संचयन	पाठ - 1	गिल्लू
व्याकरण		शब्द व पद, अनुस्वार- अनुनासिक, अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन
रचनात्मक अभिव्यक्ति		श्रवण कौशल

### मई

स्पर्श (गद्य)	पाठ - 1	धूल
(पद्य)	पाठ - 10	दोहे
व्याकरण		शब्द विचार- विलोम अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन

### जून

स्पर्श (गद्य)	पाठ - 3	एवरेस्ट मेरी शिखर यात्रा
व्याकरण		शब्द व पद, शब्द विचार-श्रुतिसम भिन्नार्थक शब्द अपठित बोध, अनुच्छेद, पत्र(अनौपचारिक) ,संदेश लेखन, संवाद लेखन, नारा-लेखन

### जुलाई

स्पर्श (पद्य)	पाठ - 11	आदमीनामा
संचयन	पाठ - 2	स्मृति
	पाठ - 3	कल्लू कुम्हार की उनाकोटी (पठन - पाठन के लिए)
व्याकरण		उपसर्ग, प्रत्यय, शब्द विचार - पर्यायवाची शब्द अपठित बोध, अनुच्छेद, पत्र(अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन
रचनात्मक अभिव्यक्ति		परियोजना कार्य

### अगस्त

स्पर्श (गद्य)	पाठ - 4	तुम कब जाओगे अतिथि
	पाठ - 5	वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रामन (पठन - पाठन के लिए)
(पद्य)	पाठ - 12	एक फूल की चाह
व्याकरण		शब्द विचार - विलोम शब्द, अर्थ की दृष्टि से वाक्य भेद

**रचनात्मक अभिव्यक्ति**

अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन  
श्रवण कौशल

**सितंबर**

स्पर्श (गद्य) पाठ - 6  
                  (पद्य) पाठ - 13  
व्याकरण

कीचड़ का काव्य  
गीत अगीत (पठन - पाठन के लिए)  
उपसर्ग - प्रत्यय, अर्थ की दृष्टि से वाक्य भेद  
अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन

**अक्टूबर**

स्पर्श (गद्य) पाठ - 7  
संचयन पाठ - 4  
व्याकरण

धर्म की आड़  
मेरा छोटा - सा निजी पुस्तकालय (पठन - पाठन के लिए)  
शब्द विचार-श्रुतिसम भिन्नार्थक शब्द, अनुस्वार - अनुनासिक, अपठित बोध, अनुच्छेद, पत्र(अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन  
श्रवण कौशल

**रचनात्मक अभिव्यक्ति**

**नवंबर**

स्पर्श (पद्य) पाठ - 14  
                  (गद्य) पाठ - 8  
संचयन पाठ - 5  
व्याकरण

अग्नि पथ  
शुक्रतारे के समान  
हामिद खां  
शब्द व पद, शब्द विचार-श्रुतिसम भिन्नार्थक शब्द, अनुस्वार - अनुनासिक  
अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक) , संदेश लेखन, संवाद लेखन, नारा-लेखन  
परियोजना कार्य

**रचनात्मक अभिव्यक्ति**

**दिसंबर**

स्पर्श (पद्य) पाठ - 15  
संचयन पाठ - 6  
व्याकरण

(i) नए इलाके में  
(ii) खुशबू रचते हैं हाथ  
दिए जल उठे  
शब्द व पद, शब्द विचार -पर्यायवाची शब्द  
अपठित बोध, अनुच्छेद, पत्र(अनौपचारिक), संदेश लेखन, संवाद लेखन, नारा-लेखन

**रचनात्मक अभिव्यक्ति**

श्रवण कौशल

**जनवरी**

व्याकरण

उपसर्ग - प्रत्यय, अर्थ के आधार पर वाक्य भेद, शब्द विचार - विलोम

पाठ - 7 विराम चिहनों का प्रयोग  
अपठित बोध, अनुच्छेद, पत्र (अनौपचारिक), संदेश  
लेखन, संवाद लेखन, नारा-लेखन

### फरवरी

संपूर्ण पाठ्यक्रम की पुनरावृत्ति

### MATHEMATICS APRIL

Chapter 1	Number Systems
Chapter 2	Polynomials
Lab Activity	To interpret geometrically the factors of quadratic expression

### MAY & JUNE

Chapter 3	Coordinate Geometry
Chapter 15	Probability
Multiple Assessment	To obtain mirror image of figures with respect to a given line on a graph paper.

### JULY

Chapter 4	Linear Equations in Two Variables
Chapter 5	Introduction to Euclid's Geometry
Chapter 6	Lines and Angles
Lab Activity	To represent linear equations in two variables graphically.

### AUGUST

Chapter 6	Lines and Angles (Contd.)
Chapter 7	Triangles
Multiple Assessment	Mind Mapping
Lab Activity	To locate the circumcentre of an acute angled triangle and a right angled triangle.

### SEPTEMBER

Chapter 12	Heron's Formula
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## OCTOBER

**Chapter 8**  
**Chapter 13**

Quadrilaterals  
Surface areas and Volumes

**Lab Activity**

To verify the mid point theorem  
To show that opposite angles of a cyclic quadrilateral are supplementary

## NOVEMBER

**Chapter 13**  
**Chapter 11**

Surface Areas and Volumes (Contd.)  
Constructions

**Lab Activity**

To construct a triangle with given perimeter and base angles.  
To find curved surface area of cylinder.

## DECEMBER

**Chapter 14**  
**Chapter 9**  
**Multiple Assessment**

Statistics  
Areas of Parallelograms and Triangles  
To draw histogram for classes of equal width and unequal widths.

## JANUARY

**Chapter 10**

Circles

## FEBRUARY

**Chapter 10**

Circles (Contd.)  
Revision

## SOCIAL SCIENCE

### APRIL

**Geography**  
**Democratic Politics**  
**Economics**

Ch.1 India Size and Location  
Ch.2 What is Democracy? Why Democracy?  
Ch.1 The Story of Village Palampur

### MAY/JUNE

**History**  
**Project Work**  
**Multiple Assessment**

Ch. 1 French Revolution  
Ch. 2 Socialism in Europe and the Russian Revolution  
Disaster Management  
Ch. 1 Geography

### JULY

**Geography**  
**Democratic Politics**

Ch.2 Physical Features of India  
Ch. 3 Constitutional Design

### AUGUST

**History**  
**Geography**  
**Economics**

Ch.3 Nazism and the rise of Hitler  
Ch.3 Drainage  
Ch. 2 People as a resource

## SEPTEMBER

**Economics**

Ch.3 Poverty as a challenge

**Activity**

**Multiple Assessment**

Ch. 4 Democratic Politics

**Map Work**

Maps related to chapters of History and Geography

## OCTOBER

**Geography**

Ch. 4 Climate

**Democratic Politics**

Ch. 4 Electoral Politics

**Economics**

Ch. 4 Food Security

**Multiple Assessment**

## NOVEMBER

**Geography**

Ch.5 Natural Vegetation and wildlife

Ch. 6 Population

**Map Work**

Maps related to the chapters

## DECEMBER

**History**

Ch. 5 Pastoralists in the modern world

**Democratic Politics**

Ch. 5 Working of Institutions

## JANUARY

**Democratic Politics**

Ch. 6 Democratic Rights

## FEBRUARY

Revision

## SCIENCE

### APRIL

**Chapter 1**

Matter in our surroundings

**Chapter 5**

The Fundamental Unit of Life

**Practicals**

1. Determination of melting point of ice and boiling point of water

2. Preparation of stained temporary mounts of

a) Onion peel

b) Human cheek cell and to record observation and

draw their labelled diagrams.

**Multiple Assessment I**

### MAY & JUNE

**Chapter 8**

Motion

**Subject Enrichment I :**

Lab Work

### JULY

**Chapter 6**

Tissues

**Chapter 2**

Is Matter around us pure

**Chapter 9**

Force and Laws of Motion

**Practicals**

3. Identification of Parenchyma,

Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides. Drawing of their labelled diagrams.

4. Preparation of :

- a) a true solution of common salt, sugar and alum.
- b) a suspension of soil, chalk powder and fine sand in water.
- c) a colloidal solution of starch in water and egg albumin/milk in water and distinction between these on the basis of
  - i) Transparency
  - ii) Filtration criterion
  - iii) Stability

Preparation of :

- a) Mixture
- b) a compound using iron filling and sulphur powder and distinction between these on the basis of :
  - i) appearance i.e. homogeneity and heterogeneity
  - ii) behaviour towards a magnet
  - iii) behaviour towards carbon disulphide as a solvent
  - iv) Effect of heat

## Multiple Assessment II

### AUGUST

Chapter 15  
Chapter 10  
Practicals

Improvement in Food resources

Gravitation

5. Separation of the components of a mixture of sand, common salt and ammonium chloride

6. Performing the following reactions and classifying them as physical or chemical changes :

- a) Iron with copper sulphate solution in water
- b) Burning of Magnesium ribbon in air
- c) Zinc with dilute sulphuric acid
- d) heating of copper sulphate crystals
- e) Sodium sulphate with barium chloride in the form of their solutions in water

Subject Enrichment II :

Lab Work

### SEPTEMBER

Chapter 10  
Practicals

Gravitation..... Contd.

7. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder

8. Establishing the relation between the loss in weight of solid when fully immersed in

- a) tap water
- b) strongly salty water, with the weight of water displaced by it by taking atleast two different solids.

### OCTOBER

Chapter 4  
Chapter 13  
Multiple Assessment III

Structure of Atom Chapter

Why do we fall ill ?



## NOVEMBER

### Chapter 7 Practicals

Diversity in living organisms

9. Study of the characteristics of Spirogyra/ Agaricus, Moss/Fern, Pinus (either with male or female cone) and an Angiospermic plant.

10. Observing the given pictures/charts/models of earthworm, cockroach, bony fish and bird. For each organism, drawing of their picture and recording :

- a) one specific feature of its phylum.
- b) one adaptive feature with reference to its habitat.

11. Study of the external features of root, stem, leaf and flower of monocot and dicot plants

**Subject Enrichment III :** Lab Work

## DECEMBER

### Chapter 12 Chapter 11 Practicals

Sound

Work and Energy

12. Verification of Law of reflection of sound

13. Determination of the speed of a pulse propagated through a stretched slinky.

## JANUARY

### Chapter 14 Chapter 3 Practicals

Natural Resources

Atoms and Molecules

14. Verification of the Law of conservation of mass in a chemical reaction

**Subject Enrichment IV :** Lab Work

## FEBRUARY

Revision

## SUPW

**Name of the Project :**  
**Project Focus :**

**Reduce, Recycle, reuse and Respect**

Conservation, caring for the planet, segregation of garbage and respect your surroundings.

**ACTIVITY I**

- To prepare a project covering following points.
- Meaning and need for Reduce, Reuse and Recycle
- List of man made things
- Origin of all the materials used by man

**ACTIVITY II**

- Different ways to recycle, reduce and reuse and its benefits.
- To prepare a PPT on the ways to respect your surroundings such as National Parks, Community Parks, Public Places, Monuments etc.
- Display of Posters/Slogans on school notice board as well as in classroom

**ACTIVITY III**

- To prepare a poster by each student showing ways to Reduce, Reuse and Recycle.

# ART EDUCATION

## APRIL

1. Perspective
2. Fruit Composition
3. Birds

## MAY

1. Vegetable Composition
2. Animals

## JULY

1. Still Life in Pencil Shading
2. Landscape in pencil colours/ pencil shading
3. Eyes, nose, ears and lips
4. Human Forms

## AUGUST

1. Portrait
2. Still Life in Colour
3. Cityscape in Colour

## SEPTEMBER

1. Landscape in Colour
2. Fruit Composition in Colour
3. Vegetables in Water Colour

## OCTOBER

1. Birds and Animals
2. Landscape in Water Colour
3. Buildings and Monuments

## NOVEMBER

1. Flower Vase in Colour
2. Collage
3. Rangoli Design

## DECEMBER

1. Technique of Writing
2. Cover Design
3. Card Design

## JANUARY

1. Poster Making
2. Cartoon

## FEBRUARY

1. Story Illustration
2. Printing Technique