

## Syllabus of 9th (2024-25)

### मार्च

#### हिंदी

स्पर्श (गद्यखंड) पाठ-1 धूल

स्पर्श (काव्यखंड) पाठ-1 पद- रैदास

व्याकरण - अनुस्वार एवं अनुनासिक, अनुच्छेद

#### English Language And Literature

##### Beehive

Ch-1 The fun they had (Prose)

Ch-1 The road not taken (Poem)

Poetic Devices

##### Mathematics

Ch- 1 Number System

1.1 Introduction to number system check

1.2 Irrational numbers

1.3 Real numbers and their decimal expansions  
1.4 Representing real numbers of the number line

1.5 Operations on real numbers

1.6 Laws of exponent for a real number

##### Science

Ch- 1 Matter in our surrounding chemistry

Lab Activity- determination of the melting point of Ice and the boiling point of water

##### Social Studies

##### Geography

Ch-1 India size and location

Map Work

Activity Work- Latitudes and longitudes

##### Economics

Ch-1 The story of village Palampur

## अप्रैल

स्पर्श (गद्यखंड) पाठ -2 दुख का अधिकार

स्पर्श (काव्यखंड) पाठ-2 दोहे- रहीम

व्याकरण - शब्द और पद

\* परियोजना--- रहीमदास का जीवन परिचय व उनके दोहों की सुंदर परियोजना तैयार कीजिए।

### English (Moments)

Ch- 1 The Lost child

Ch- 2 The Adventures of Toto

### Grammar

Discursive and Case Based Passage

Tenses

Descriptive Paragraph (100 to 120 words)  
with format

Describing a Person / Event / Situations

### Science

Ch- 5 The fundamental unit of life  
(Biology)

Ch- 7 Motion (Physics)

Lab Activity - I) Preparation of stand  
temporary mounts of onion peel

II) To record observations and draw their  
labelled diagrams.

### Mathematics

Ch- 1 Number system and

Ch- 2 Polynomials

2.1 Introduction to polynomials

2.2 Polynomials in one variable

2.3 Zeros of polynomial

2.4 Factorization of polynomial

2.5 Algebraic expressions

Lab activity- i) To convert a square root  
spiral ii) Represent some irrational  
numbers on number line

### Social Studies (History)

Ch- 1 The French Revolution

Map Work

Activity Work - French Revolution (important  
dates through activity)

### Geography

Ch- 2 Physical features of India

Map Work

### Civics

Ch- 1 What is democracy and why  
democracy

Activity Work- Through the presentation

## मई

स्पर्श (गद्यखंड) पाठ-3 एवरेस्ट मेरी शिखर यात्रा

संचयन पाठ-1 गिल्लू

व्याकरण - अनौपचारिक पत्र

### English language and literature (Beehive)

Ch-2 The Sound of Music

Part 1 Avlin jilani listen to sound without hearing it

Part 2 The Shehnai of Bismillah Khan

Ch-2 Wind (poem)

Grammar - Modals

Project exploring the History of English Language debate impact of social media

### June

### English literature and languages

I) Art integrated project meghalay

II) Importance of communication

III) A beautiful card on father's day

### Science

CH- 8 Force and law of motion (Physics)

CH- 2 Is matter around us pure (Chemistry)

Lab Activity-1 Preparing of (a)mixture

(b) compound

2. Using iron fillings and sulphur powder and distinguish between these on the basis of a behaviour towards a magnet be appearance homogeneity and heterogeneity

### Mathematics

Ch- 3 Co-ordinate geometry

3.1 introduction to co-ordinate geometry

3.2 cartesian system

3.3 plotting points in plane if its coordinates are given

Ch- 4 Linear equations in two variables

4.1 Introduction to a linear equation in two variables

4.2 Linear equation

4.3 Solution of a linear equation

4.4 Graph of a linear equation in two variables 4.5 Equations of lines activity

variety that very high that if two lines intersect each other to show Mirror image of Agra

### unit test-1

**Chapters :- 1 and 2**

### Social Studies (History)

Ch-2 Socialism in Europe and the Russian Revolution

Map work

Activity Work- Important dates and events

### Geography

Ch- 3 Drainage

Map Work

Project Work( file work )

### Civics

Ch- 2 Constitution Designs

Activity Work- Through the presentation class

# जुलाई

**स्पर्श (काव्यखंड)** पाठ-3 गीत अगीत

**स्पर्श (गद्यखंड)** पाठ-1 तुम कब जाओगे  
अतिथि

**व्याकरण** - उपसर्ग एवं प्रत्यय, चित्र वर्णन

## **English (Beehive)**

Ch- 3 The little girl (Prose)

Ch- 3 Rain on the roof (poem)

Ch- 4 A truly beautiful mind

## **Moments**

Ch- 3 Iswaran The Storyteller

**Grammar** - Determiners

## **Science**

Ch- 6 Tissue (Biology)

Ch- 9 Gravitation (Physics)

lab activity- 1) Presentation of a true solution of common salt sugar and alum

2) A suspension of soil chalk powder and fine sand in water.

## **Mathematics**

Ch- 5 Euclid Geometry

5.1 introduction to Euclid Geometry

5.2 euclids definition axioms and postulates

5.3 equivalent variant equivalent versions of euclids fifth postulate

Ch- 6 Lines and angles

6.1 Introduction to lines and angles

6.2 Basic terms and definitions

6.3 Intersecting lines and non intersecting lines 6.4 Pairs of angles

6.5 Parallel lines and a transversal

6.6 Lines parallel to the same line

6.7 Angle some property of a triangle activity verify that sum of angles of a triangle is 180 degree verify exterior angle property of a triangle

## **Social Studies (History)**

Ch- 3 Nazism and the rise of Hitler

Map Work

Activity Work- The short biography of Hitler

## **Geography**

Ch- 4 Climate

Map Work

## **Civics**

Ch- 3 Electoral politics debate

activity.

# अगस्त

स्पर्श . ( गद्य खंड )

पाठ

-5

: वैज्ञानिक चेतना के

वाहक: चंद्रशेखर वेंकट रामन

**संचयन**

पाठ-2

स्मृति

**व्याकरण** - संधि

\* परियोजना-----चंद्रशेखर वेंकट रामन व भारत के प्रमुख वैज्ञानिकों की सूची, उनके कार्यों व योगदान के साथ बनाइए।

## **English (Beehive)**

Ch- 4 The lake Isle of Innisfree (poem)

Ch- 5 The snake and the mirror

A legend of the Northland (Poem)

## **Moments**

Ch- 4 In the kingdom of fools

## **Writing Section**

Story Writing (100 to 200 words) with format

Diary Entry (100 to 120 words) with format

## **Science**

Revision of taught chapter - 2

Lab Activity- Identification i) Parenchyma ii)

Collenchyma iii) Sclerenchyma

## **Mathematics**

Ch- 7 Triangles

7.1 Introduction

7.2 Concurrence of triangle

7.3 Criteria for congruence of triangles

7.4 Some properties of a triangle

7.5 Some more criteria for congruence of triangles

Lab Activity- 1. To know the idea of congruency of two Triangles

2. To find area of a triangle

**Maths-** Unit Test - 2 Ch- 5,6,17 and 12

## **Social Studies**

### **Geography**

Ch- 5 Natural vegetation and wildlife

Map Work

### **Economics**

Ch- 2 People as a resource.

# सितंबर

स्पर्श (काव्यखंड) पाठ- अग्निपथ

व्याकरण विराम चिह्न

## English

Revision work

## Science

Exam will be conducted

Ch- 3 Atoms and Molecules (Chemistry)

## Mathematics

Ch- 8 Quadrilaterals

8.1 Introduction to quadrilateral

8.2 Angle some property of a quadrilateral

8.3 Types of quadrilaterals

8.4 Properties of a parallelogram

8.5 Another condition for a quadrilateral to be a parallelogram

8.6 The Midpoint Theorem

Lab Activity - To verify/find out area of a parallelogram

## Social Studies (Civics)

Ch- 4 Working of Institution (Debate)

Activity Work

## **अक्तूबर**

**स्पर्श (गद्यखंड)** पाठ- कीचड़ का काव्य

**संचयन** पाठ 3- कल्लू कुम्हार की उनाकोटी

### **English (Beehive)**

Ch- 6 My Childhood

No Men Are Foreign (Poem)

### **Moments**

Ch- 5 The happy Prince

**Grammar-** Reported Speech

Project Biography of Robert Frost

### **Science**

Ch- 3 Remaining portion of atoms and molecules

Ch- 10 Work and Energy

Lab Activity- i) Performing the following reactions and classify them as physical or chemical changes

ii) Zinc with dilute sulphuric acid third heating of copper sulphate crystals

### **Mathematics**

Ch-10 Circles

10.1 Introduction to circle

10.2 Circles and its related terms

10.3 Angles subtended by a chord at a point

10.4 Perpendicular from the centre to a chord 10.5 Circle through three points

10.6 equal chords and their distances from the centre

10.7 angles subtended by an Arc of a circle

10.8 cyclic quadrilateral

Lab Activity- To verify the sum of either pair of a cyclic quadrilateral is 180 degree

Verify angle subtended by an Arc of a circle

Unit Test - 3 Chapter 8 and 10

### **Social Studies (History)**

Ch- 4 Forest, Society and Colonialism

Map Work

Project file

### **Geography**

Ch- 6 Population

Map Work

## नवंबर

**स्पर्श (गद्यखंड)** पाठ शुक्र तारे के समान

**व्याकरण** अर्थ की दृष्टि से वाक्य के भेद

**परियोजना-----** सौरमंडल के नौ ग्रहों को क्रम में लिखिए व चित्र सहित सुंदर परियोजना तैयार करें।

### **English (Beehive)**

Ch- 7 Reach for the top

Part-1 Santosh Yadav

Part- 2 Maria Sharapova on killing a tree(poem) **Moments**

Ch- 6 The last leaf

Project: Reach for the top (Games and Players)

### **Science**

Ch- 12 Improvement in food resources

Ch- 4 Structure of the atom

Lab Activity- Verification of the law of conservation of mass in a chemical reaction

### **Mathematics**

Ch- 14 Statistics

14.1 Introduction to statistics

14.2 Collection of data

14.3 Presentation of data

14.4 Graphical representation of data

14.5 Majors of Central tendency

Ch- 15 Probability

15.1 Introduction to Probability

15.2 Probability and experimental approach

Lab Activity- i) To set the idea of probability through a double colour cards experiment

ii) To draw frequency polygon and histogram

### **Social Studies ( Civics)**

Ch- 5 Democratic right

Activity Work- Fundamental Rights

Ch- 3 Poverty as challenge

### **Economics**

Ch- 4 Food Security in India

Activity Work



# दिसंबर

**संचयन** पाठ- 4 मेरा छोटा सा निजी  
पुस्तकालय

**व्याकरण** संवाद लेखन

## **English (Beehive)**

Ch- 8 Kathmandu a slumber did my spirit  
Singh Ch- 9 If I were you moments

Ch- 7 A house is not a home

Ch- 8 The beggar

**Grammar** - Subject Verb Concord

Assignment assigned to the students after  
teaching the topic

## **Science**

Ch- 11 Sound

Lab Activity- 1. First determination of the  
speed of a pulse propagated through a  
stretched string

2. Verification of the laws of reflection of  
sound

Syllabus Over Revision Start

## **Mathematics**

Ch- 13 Surface Areas and Volume

13.1 Introduction to surface areas and  
volumes

13.2 Surface area of a cuboid and a cube

13.3 Surface area of a right circular cylinder

13.4 Surface area of right circular cone

13.5 Surface area of a sphere

13.6 Volume of a cuboid

13.7 Volume of a cylinder

13.8 Volume of right circular cone 13.9  
volume of sphere.

Lab Activity - 1. To understand how to find  
the volume of a conical formed by a semi  
circular sheet.

2. Volume of cylinder formed by a  
rectangular sheet.

Unit Test- 4 Ch- 13 14 and 15

Mid Term- Ch- 1,2,3,4,5,6,7,8,12,14 and 15

## **Social Studies( History )**

Ch- 5 Pastoralists in the modern world

Map Work

## जनवरी

स्पर्श (काव्यखंड)

पाठ (i) नए इलाक़े में

(ii) खुशबू रचते हैं हाथ

## फरवरी

पुनरावृत्ति