

**Maharaja Agrasen Model School**  
**Syllabus Breakup**  
**Session 2025-26**  
**Class VI**

**English**

**Learning Outcomes:**

Students will be able to:

- build greater confidence and proficiency in oral and written communication
- develop the ability and knowledge required in order to engage in independent reflection and inquiry
- use appropriate English to communicate in various social settings
- equip learners with essential language skills to question and to articulate their point of view
- enable the learner to access knowledge and information through reference skills (consulting a dictionary / thesaurus, library, internet, etc.)
- develop curiosity and creativity through extensive reading
- facilitate self-learning to enable them to become independent learners
- review, organise and edit their own work and work done by peers
- integrate listening and speaking skills in the curriculum

**TEXTBOOKS:**

LITERATURE READER: 21st Century English ( Literature Reader)

PUBLISHER: Burlington

SUPPLEMENTARY READER: Extraordinary Women

PUBLISHER: Burlington

GRAMMAR BOOK: Burlington English Grammar

PUBLISHER: Burlington

MONTHLY SYLLABUS PLAN

**APRIL**

Literature - L-2 Beginning Life as a Printer

Grammar - Nouns, Articles, Quantifiers, Pronouns

Writing Skill : Descriptive Essay

## **MAY**

Literature: Poem : The Painted Ceiling  
Grammar: Verbs, Subject- Verb Agreement.  
Comprehension : Unseen Passage/ Poem

Revision- Periodic Test I

## **Periodic Test I**

Comprehension : Unseen Passage/Poem  
Writing Skill : Descriptive Essay  
Grammar : Nouns,Articles, Quantifiers, Pronouns, Verbs  
Literature: L-2 Beginning Life as a Printer, Poem : The Painted Ceiling

## **JULY**

Literature - L-1 A Retrieved Reformation

Grammar :Simple Present and Present Continuous Tense, Simple Past, Past Continuous, Present Perfect and Present Perfect Continuous Tense, Past Perfect and Past Perfect Continuous Tense

Supplementary Reader: Colette: L-1 A Writer is Born, L-2 A Silent Voice

## **AUGUST**

Comprehension : Unseen Passage/ Poem

Grammar : Stative Verbs,Vocabulary: Synonyms and Antonyms , Future Tenses

Literature:The Remarkable Rocket

Writing Skill : Notice Writing

Supplementary Reader : Colette: L-3: The Birth of Freedom

## **SEPTEMBER**

Revisions

## **Mid Term Exam**

Comprehension : Unseen Passage/Poem  
Writing Skill : Notice Writing, Descriptive Essay  
Grammar : Verbs, Subject- Verb Agreement, Tenses(all)

Literature : L-1 A Retrieved Reformation, L-2 Beginning Life as a Printer,  
L-3 The Remarkable Rocket, Poem : The Painted Ceiling  
Supplementary Reader: Colette: L-1,2,3

## **OCTOBER**

Literature - L-4 Idgah  
Grammar-Conjunction, Interjection Modals and Semi- Modals, Modal Perfect,  
Vocabulary: Words Often Confused  
Writing Skill : Poster Making  
Comprehension : Unseen Passage/ Poem  
Supplementary Reader : Hedy Lamarr : L-1 A Beautiful and Brilliant Woman

## **NOVEMBER**

Comprehension : Unseen Passage  
Literature: L-5 Our Encounter with a Snow Leopard  
Grammar -Kinds of Sentences, Phrases and Clauses, Vocabulary:  
Homophones, Adjectives and Adverbs  
Writing Skill : Poster Making  
Supplementary Reader: Hedy Lamarr: L-2 Hedy the Inventor

## **Periodic Test II**

Comprehension : Unseen Passage  
Writing Skill: Poster Making  
Grammar: Kinds of Sentences, Phrases and Clauses, Adjectives and Adverbs  
Literature : L-4 Idgah, L-5 Our Encounter with a Snow Leopard

## **DECEMBER**

REVISIONS for PT II  
Literature : L-6 The Merchant of Venice  
Grammar- Kinds of Sentences, Phrases and Clauses  
Comprehension : Unseen Passage  
Writing Skill : Poster Making  
Supplementary Reader : Hedy Lamarr: L-3 A Surprising Discovery

## **JANUARY**

Literature : Poem: The Nightingale and the Glow-worm  
Grammar- wish, The Causative, Vocabulary : Figures of Speech, Reported  
speech  
Comprehension : Unseen Passage/Poem  
Writing Skill : Descriptive Essay  
Supplementary Reader : Angela Ruiz Robles L-1 A Dedicated Teacher, L-2  
Teacher, Writers, Inventor

## **FEBRUARY**

Comprehension : Unseen Passage/Poem

Supplementary Reader : Angela Ruiz Robles L-3 Always Hopeful

## **REVISIONS**

## **MARCH**

### **REVISIONS FOR ANNUAL EXAMS**

Annual Examination Syllabus

Comprehension : Unseen Passage/Poem

Writing Skill : Poster Making , Descriptive Essay

Grammar :Tenses(all), Kinds of Sentences, Reported Speech, Phrases and Clauses, Subject -Verb Agreement, Conjunctions

Literature : L-5 Our Encounter with a Snow Leopard, L-6 Merchant of Venice, Poem: The Nightingale and the Glow-worm

Supplementary Reader:Angela Ruiz Roubles (L-1,2 and 3)

## **Hindi**

To be announced soon

## **Mathematics**

### **LEARNING OUTCOMES:**

The broad outcomes of teaching mathematics helped the learner to:

- consolidate the Mathematical knowledge and skills acquired at the primary stage;
- acquire knowledge and understanding, particularly by way of motivation and visualization
- basic concepts, terms, principles and symbols and underlying processes and skills;
- develop mastery of basic algebraic skills;
- develop drawing skills;
- feel the flow of reason while proving a result or solving a problem;
- apply the knowledge and skills acquired to solve problems and wherever possible, by more than one method;
- develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases;
- develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics;

- develop interest in the subject by participating in related competitions;
- acquaint students with different aspects of mathematics used in daily life;
- develop an interest in students to study mathematics as a discipline.

### **TEXT BOOKS:**

1. Ganita Prakash NCERT Mathematics textbook for class VI

### **REFERENCE BOOKS:**

2. Mathematics Exemplar problems for class- VI ,NCERT Publication

3. Lab Manual Activities for class - VI

4. Online resources from Diksha App,  
<https://ncert.nic.in/textbook.php?fegp1=0-10>

## **APRIL**

### UNIT 1: PATTERNS IN MATHEMATICS

- What is Mathematics?
- Patterns in Numbers
- Visualising Number Sequences
- Relations among Number Sequences
- Patterns in Shapes
- Relation to Number Sequences

Maths Kit activity- Geoboard with rubber band

- Form different patterns using the rubber band on geoboard and convert it into a numerical pattern.

### UNIT 5: PRIME TIME

- Common Multiples and Common Factors
- Prime Numbers and composite numbers
- Co-prime Numbers for Safekeeping Treasures
- Prime Factorisation
- Divisibility Tests

Maths Lab Manual-

- Activity 2- To find prime numbers.
- Activity 6- To find the H.C.F. of given numbers experimentally.
- Activity 7- To find the L.C.M. of the given numbers.

Maths Kit activity- Grid sheets, Abacus beads

- Representing composite and prime numbers by Sieve of Eratosthenes method on grid sheet.
- Finding factors on multiples of different numbers using abacus beads.

## **MAY**

### UNIT 2: LINES AND ANGLES

- Point
- Line Segment
- Line
- Ray

- Angle
- Comparing Angles
- Making Rotating Arms
- Special Types of Angles
- Measuring Angles
- Drawing Angles
- Types of Angles and their Measures

Maths Kit activity- Geometry Kit

- Recognition of angles using geometry kit.
- Understanding the concept of circle, radius and diameter on the circular geoboard

## **JULY**

### **UNIT 3: NUMBER PLAY**

- Numbers can Tell us Things
- Supercells
- Patterns of Numbers on the Number Line
- Playing with Digits
- Pretty Palindromic Patterns
- The Magic Number of Kaprekar
- Clock and Calendar Numbers
- Mental Math
- Playing with Number Patterns
- An Unsolved Mystery – the Collatz Conjecture!
- Simple Estimation
- Games and Winning Strategies

Maths Kit activity- Number line

- Form different patterns of numbers on the number line.

## **AUGUST**

### **UNIT 4: DATA HANDLING AND PRESENTATION**

- Collecting and Organising Data
- Pictographs
- Bar Graphs
- Drawing a Bar Graph
- Artistic and Aesthetic Considerations (Line graphs)

Maths Kit activity- Grid sheet and counters

- Representation of data in a form of pictograph or bar graph by placing the counters on the grid sheet.

## **SEPTEMBER**

## REVISION OF MID TERM EXAMINATIONS

### **OCTOBER**

#### **UNIT 6: PERIMETER AND AREA**

- Perimeter of irregular shapes
- Perimeter of square, rectangle and triangle
- Area of irregular shapes
- Area of square, rectangle and triangle
- Tangram

Maths Lab Manual-

Activity 8- To find the perimeter of irregular shapes.

Maths Kit activity- Solid Shapes, Grid sheet/geoboard

- Understand the concept of edges and vertices of different shapes.
- Forming different shapes and computing perimeter and area using the geoboard.

### **NOVEMBER**

#### **UNIT 9: SYMMETRY**

- Introduction to Symmetry
- Reflectional Symmetry/ Lines of symmetry
- Rotational Symmetry/ Order and Angle of rotation
- Symmetry around us

Maths Kit activity- Mirror

- Recognition of reflectional symmetry using mirrors and understanding the concept of line of symmetry
- Verifying the symmetrical nature of various figures.

### **DECEMBER**

#### **UNIT 7: FRACTIONS**

- Fractional Units and Equal Shares
- Fractional Units as Parts of a Whole
- Measuring Using Fractional Units
- Marking Fraction Lengths on the Number Line
- Mixed Fractions
- Equivalent Fractions
- Simplest form of a Fraction
- Comparing Fractions
- Relation to Number Sequences

Maths Lab Manual-

- Activity 4- To compare the fractions experimentally.

Maths Kit activity- Fraction kit

- Representation of various factors using the fraction kit
- Adding and subtracting fractions using the fraction kit

## **JANUARY**

### **UNIT 10: THE OTHER SIDE OF ZERO**

- Bela's Building of Fun
- The Token Model
- Addition and subtraction of large integers
- Integers in Other Places
- Explorations with Integers
- A Pinch of History

Maths Lab Manual-

- Activity 3- To understand the rules of addition of integers.

Maths Kit activity- number line and integers game board

- Representing different integers on the number line
- Adding or subtracting integers on integer number game board using counters

## **FEBRUARY**

### **UNIT 8: PLAYING WITH CONSTRUCTIONS**

- Artwork
- Squares and Rectangles
- Constructing Squares and Rectangles
- An Exploration in Rectangles
- Exploring Diagonals of Rectangles and Squares
- Points Equidistant from Two Given Points

## **MARCH**

REVISION OF ANNUAL EXAMINATIONS

## **EXAM WISE SYLLABUS BREAKUP**

### **PERIODIC TEST 1-**

Unit 1: Patterns in Mathematics

Unit 5: Prime Time

### **MID TERM EXAMINATION-**

Unit 1: Patterns in Mathematics

Unit 5: Prime Time

Unit 2: Lines and Angles

Unit 3: Number Play

Unit 4: Data Handling and Presentation

### **PERIODIC TEST 2-**

Unit 6: Perimeter and Area

Unit 9: Symmetry

## ANNUAL EXAMINATION-

Unit 1: Patterns in Mathematics

Unit 2: Lines and Angles

Unit 3: Number Play

Unit 4: Data Handling and Presentation

Unit 5: Prime Time

Unit 6: Perimeter and Area

Unit 7: Fractions

Unit 8: Playing with Constructions

Unit 9: Symmetry

Unit 10: The Other Side of Zero

## **Science**

Science is a body of knowledge based on experiment, observation and inference, which is judgment based on evidence. Through science teaching, children are required to develop certain scientific ways of thinking as they work.

The subject of science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children.

### **Learning Outcome**

Science teaching aims to realize the following general objectives. It enables the learners to

- know the facts and principles of science and its applications, consistent with the stage of cognitive development.
- acquire the skills and understand the methods and processes that lead to generation and validation of scientific knowledge.
- develop intellectual and practical scientific skills.
- motivate to apply basic scientific principles in all sciences.
- acquire knowledge about health, environment and safety practices and behave accordingly.
- realize that some natural resources can be depleted and make them aware of the role of science in sustaining these resources.
- use scientific knowledge and skills in novel situations especially in everyday life.
- emphasize the role of scientists in the advancement of human kind.
- develop scientific curiosity and orientation towards scientific research.
- work independently and cooperatively in solving scientific problems.
- help the students to get acquainted with the impact of science over the environment surrounding them and to develop their interest in the study of science.
- develop scientific attitude among children.

- cultivate the habit of systematic and logical thinking.
- develop the habit and ability of drawing correct inferences out of the available facts and evidences.

## **Science Textbook-NCERT PUBLICATION**

LINK FOR NCERT PUBLICATIONS

: <https://ncert.nic.in/textbook.php>- LINK FOR NCERT EXEMPLAR BOOKS:

<https://ncert.nic.in/exemplar-problems.php>

## **MONTH WISE SYLLABUS BREAK UP**

### **APRIL**

Chapter 2- Diversity in Living world 2.1-Diversity in Plants and Animals around Us.

2-How to Group plants and animals

2.3- Plants and animals in different Surroundings.

Chapter 8-A Journey through States of Water

8.1- Investigating Water's Disappearing Act

8.2- Different states of water

8.3- How can we change the states of water?

8.4- How can water be evaporated faster or slower?

5-Cooling effect

8.6- How do clouds give us rain?

### **MAY**

Chapter 1 The Wonderful World of Science

### **JULY**

Chapter 3- Mindful Eating -A path to healthy body

3.1-What do we eat?

3.2-Food in different regions

3.3-How have cooking practices changed over time?

4-What are the components of food?

3.5- Testing of different components of food.

6-Balanced diet.

Millets: Nutrition-rich cereals

Food Miles: From farm to our Plate

## Chapter 5- Measurement of Length and Motion

1-How do we measure?

5.2- Standard units

5.3-Correct way of measuring length.

5.4-Measuring the length of a curved line

5-Describing position

5.6- Types of motion

## **AUGUST**

### Chapter 4- Exploring Magnets

4.1- Magnetic and Non-magnetic materials

4.2-Poles of magnet

4.3-Findings Directions

4.4-Attraction and repulsion between magnets

4.5-Fun with magnets

## **SEPTEMBER**

REVISION FOR MID-TERM EXAMINATION TERM 2

OCTOBER Chapter 9 – Methods of Separation

9.1- sieving

2-Filtration

Evaporation

Threshing

handpicking

churning

### Chapter 12- Beyond Earth

12.1- stars and constellation

12.2-Night sky Watching

3-Our Solar system

Milky Way Galaxy

The universe

## **NOVEMBER**

### Chapter 10- Living creatures: Exploring their Characteristics

10.1-Living being different from non-living being

10.2-Essential conditions for germination of seed

10.3-Growth and movement in plants

10.4-Life cycle of plant

10.5-Life cycle of Animals (mosquito, frog)

## **DECEMBER**

Chapter 7 Temperature and its Measurement

7.1-Hot or cold

7.2-Temperature

7.3-Measuring Temperature

4-Laboratory thermometer

7.5- Air temperature

Chapter 6- Material Around Us

6.1-Observing objects around us

6.2-How to group materials

6.3-Different properties of materials

4-Exploring materials through which one can see or cannot see

Space and Volume

Matter

## **JANUARY**

Chapter 11 Nature's Treasures

11.1-Air

11.2-Water

11.3-Energy from sun

11.4-Forests

11.5-Soil, Rocks and Minerals

11.6-Fossils fuel

11.7-Natural Resources

## **FEBRUARY**

REVISION FOR ANNUAL EXAMINATION

## **MARCH**

ANNUAL EXAMINATION

## **EXAM-WISE SYLLABUS BREAK UP**

### **PERIODIC TEST 1**

Chapter 2- Diversity in Living world

Chapter 8- A Journey through states of water

## **MID TERM EXAMINATION**

Chapter 1 The Wonderful World of Science

Chapter 2 Diversity in the Living World

Chapter 3 Mindful Eating: A Path to a Healthy Body

Chapter 4- Exploring Magnets

Chapter 5- Measurement of Length and Motion

Chapter 8- A journey through states of water

## **PERIODIC TEST 2**

Chapter 9- Methods of separation

Chapter 12- Beyond Earth

## **ANNUAL EXAMINATION**

Chapter 1 -The Wonderful World of Science

Chapter 2 - Diversity in the Living World

Chapter 3- Mindful Eating: A Path to a Healthy Body

Chapter 4 - Exploring Magnets

Chapter 5 - Measurement of Length and Motion

Chapter 6 - Materials Around Us

Chapter 7 - Temperature and its Measurement

Chapter 8 - A Journey through States of Water

Chapter 9 - Methods of Separation in Everyday Life

Chapter 10 - Living Creatures: Exploring their Characteristics

Chapter 11 - Nature's Treasures

Chapter 12 - Beyond Earth

## **SOCIAL SCIENCE**

**BOOK – Exploring Society India and Beyond**

### **NCERT PUBLICATIONS**

**E-book link**      <https://ncert.nic.in/textbook.php?fees1=0-14>

The Social Science general education program assists students in acquiring empirical knowledge of those aspects of human experience that are social, political, economic, cultural and psychological.

### **Learning Outcomes:**

Students will be able to:

- Comprehend and interprets sources related to different aspects of human life and makes meaningful interpretations of social reality
- Determines the process of continuity and change in human civilization through some specific examples from students' context and a few historical episodes
- Draws connections between the cause and effect of different social and historical events or episodes and connects it with the overall impact on human life
- Appreciates the importance of being an Indian (Bhartiya) by understanding (a) India's glorious past: its cultural diversity, heritage, traditions, literature, art, philosophy, and medicine, and (b) the geographical diversity in India
- Understands the spatial distribution of resources (from local to global), their conservation and the interdependence between natural phenomena and human life
- Evaluates the functioning of the family and other social and political institutions and situates them in the context of other existing grassroots and larger democratic institutions
- Understands various forms of inequality and discrimination in society right from those prevalent in a family to a community/regional/national level and explores its possible causes
- Acknowledges the process of development of the Constitution of India and upholds its importance to promote democratic values in the Indian society
- Understands the process of economic activities (production, trade, and commerce) and its impact on shaping an individual's life as well as its influence on any country's history and geography.

## April and May

## Chapter 1 Locating Places on the Earth

Map reading, components and types of maps, symbols, mapping the earth, coordinates- latitudes and longitudes, time zones

## Chapter 5 India, That is Bharat

## How Indians Named India, How Foreigners Named India,

Chapter 7 India's Cultural Roots

Introduction, The vedas and vedic culture, Buddhism, Jainism, folk and tribal roots

## Revision of Periodic Test 1

### **July**

Chapter 3                                      Landforms and Life

Introduction, mountains, life and environment in mountains, plateaus, plains, life in the plains

Chapter 9                                      Family And Community

Roles and responsibilities, Community, Halma tradition

Chapter 10                                      Grassroots Democracy - Part 1 Governance

Introduction- governance, government, three organs and levels of government, Dr. A.P.J Abdul Kalam, Democracy

### **August**

Chapter 13                                      The Value of Work

Different types of activities, Types and importance of economic and non economic activities, The strength of community participation

Map Work: Chapter 3                                      Landforms and Life

Chapter 5                                      India, That is Bharat

Chapter 7                                      India's Cultural Roots

Revision of Mid term

### **September**

Mid Term Exams

### **October**

Chapter 2                                      Oceans and Continents

The distribution of water and land on the Earth, Oceans, Oceans and disasters, Continents, Islands, Oceans and Life

Chapter 8                                      Unity in Diversity, or 'Many in the One'

A Rich Diversity, Food for all, Textiles and Clothing, Festivals Galore, An epic spread

## **November**

Chapter 4                      Timeline and Sources of History

Learning about past, How is time measured, Sources of History, The Beginnings of Human History, The First Crops

Chapter 6                      The Beginning of Indian Civilisation

What is civilisation, from village to city, town planning, water management, food of Harappans, trade, reasons of decline

## **December**

Revision of periodic test 2

Chapter 11                      Grassroots Democracy - Part 2 Local

Government in Rural Areas

Panchayati Raj System, Gram panchayat, exemplary sarpanchs, child-friendly panchayati initiative, Panchayati Samiti and Zila Parishad

Chapter 12                      Grassroots Democracy - Part 2 Local

Government in Urban Areas

Introduction, urban local bodies, services under municipal corporation

## **January**

Chapter 14                      Economic Activities Around Us

Economic activities in economic sectors - primary, secondary and tertiary, interdependence among sectors

Map Work                      Chapter 2    Oceans and Continents, States of India

Chapter 6    The Beginning of Indian Civilisation

## **February and March**

Revision and Annual Exams

## **EXAM WISE SYLLABUS BREAK UP**

### **PERIODIC TEST 1**

Chapter 1                Locating Places on the Earth

Chapter 5                India, That is Bharat

### **MID TERM EXAMINATION**

Chapter 3                Landforms and Life

Chapter 7                India's Cultural Roots

Chapter 9                Family And Community

Chapter 10              Grassroots Democracy - Part 1 Governance

Chapter 13              The Value of Work

Map Work: Chapter 3                      Landforms and Life

Chapter 5                      India, That is Bharat

Chapter 7                      India's Cultural Roots

### **PERIODIC TEST 2**

Chapter 2                Oceans and Continents

Chapter 8                Unity in Diversity, or 'Many in the One'

### **ANNUAL EXAMINATION**

Chapter 1                      Locating Places on the Earth

Chapter 2                      Oceans and Continents

Chapter 3                      Landforms and Life

Chapter 4                      Timeline and Sources of History

Chapter 5                      India, That is Bharat

Chapter 6                      The Beginning of Indian Civilisation

Chapter 7                      India's Cultural Roots

Chapter 8	Unity in Diversity, or 'Many in the One'
Chapter 9	Family And Community
Chapter 10	Grassroots Democracy - Part 1 Governance
Chapter 11	Grassroots Democracy - Part 2 Local Government in Rural Areas
Chapter 12	Grassroots Democracy - Part 2 Local Government in Urban Areas
Chapter 13	The Value of Work
Chapter 14	Economic Activities Around Us
Map Work	Chapter 2 Oceans and Continents
	Chapter 6 The Beginning of Indian Civilisation
	States of India

### संस्कृतम्

#### शैक्षिक उद्देश्य

- १ - छात्रों को संस्कृत पठन ,वाचन तथा विचारों की अभिव्यक्ति के लिए प्रेरित करना ।
- २ - छात्रों को संस्कृत विषय के प्रति रुचि उत्पन्न करना ।
- ३ - संस्कृत भाषा की महत्वता को बताना ।
- ४- भारतिए संस्कृति ज्ञान धारा से जोड़ना ।

पुस्तक नाम - दीपकम् (NCERT - Part 1)

E BOOK LINK - <https://ncert.nic.in/textbook.php?fees1=0-14>

महीना	पाठ्यपुस्तक		व्याकरण
अप्रैल	दीपकम् भाग १	पाठ १ - वयं वर्णमालां पठामः पाठ २- अहं च त्वं च	शब्द रूप -अस्माद् धातुरूप - चर ,वस (लट लकार ) संख्या -१ से २५
मई	दीपकम् भाग १	पाठ ३ - अहं प्रातः उत्तिष्ठामि	चित्रावर्णनम् अपठित गद्यांशः

जुलाई	दीपकम् भाग १	पाठ ४ -शूराः वयं धीराः वयम् पाठ ५ -सः एव महान् चित्रकारः	धातुरूप - चर ,वस (लट् लकार ) शब्द रूप -तत् (पुल्लिङ्ग) संधि - स्वर संधि (दीर्घ संधि )
अगस्त	दीपकम् भाग १	पाठ ६ -सः एव महान् चित्रकारः पाठ ७ -अतिथिदेवो भव	चित्रावर्णनम् अपठित गद्यांशः प्रत्यय - क्त्वा
सितम्बर	अर्द्धवार्षिक परीक्षा	पाठ्यक्रम पुनरावृत्ति	पाठ्यक्रम पुनरावृत्ति
अक्टूबर	दीपकम् भाग १	पाठ ८ -बुद्धिः सर्वार्थसाधिका	शब्द रूप -यूष्मद् संख्या - २६ से ५० चित्रावर्णनम्
नवंबर	दीपकम् भाग १	पाठ १० - त्वम् आपणं गच्छ पाठ १२ - आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः	धातुरूप - चर ,वस (लृट् लकार ) अपठित गद्यांशः प्रत्यय - तुमुन्
दिसंबर	दीपकम् भाग १	पाठ १३ -सङ्ख्यागणना ननु सरला	शब्दरूप- एतत् ((पुल्लिङ्ग) ) चित्रावर्णनम् अपठित गद्यांशः संधि - स्वर संधि (गुण संधि )
जनवरी	दीपकम् भाग १	पाठ १४-माधवस्य प्रियम् अङ्गम्	धातुरूप - चर ,वस (लृट् लकार)
फरवरी	दीपकम् भाग १	पाठ्यक्रम पुनरावृत्ति	पाठ्यक्रम पुनरावृत्ति
मार्च	वार्षिक परीक्षा	वार्षिक परीक्षा	वार्षिक परीक्षा

#### परीक्षा पाठ्यक्रम

परीक्षा	पाठ्यपुस्तक		व्याकरण
सामयिक परीक्षा - 1	दीपकम् भाग १	पाठ्यपुस्तक (10) पाठ १ -वयं वर्णमालां पठामः	व्याकरण (15)

परीक्षा	पाठ्यपुस्तक		व्याकरण
		पाठ २- अहं च त्वं च पाठ ३ - अहं प्रातः उत्तिष्ठामि	अपठितगद्यांश शब्द रूप -अस्माद  धातुरूप - चर ,वस (लट लकार) चित्रवर्णनम्  संख्या -१ से २५
सामयिक परीक्षा - 2	दीपकम् भाग १	पाठ्यपुस्तक (10)  पाठ ८- बुद्धिः सर्वार्थसाधिका पाठ १० - त्वम् आपणं गच्छ	व्याकरण (15)  अपठित गद्यांश चित्रवर्णनम्  शब्द रूप - यूष्मद  धातुरूप -चर ,वस (लृट् लकार ) संख्या - २६ से ५०
अर्धवार्षिक परीक्षा	दीपकम् भाग १	पाठ ४ -शूराः वयं धीराः वयम् पाठ ५ -सः एव महान् चित्रकारः  पाठ ६ -सः एव महान् चित्रकारः पाठ ७ -अतिथिदेवो भव	चित्रावर्णनम् अपठित गद्यांशः  शब्द रूप -असमद एवं तत् (पुल्लिङ्ग)  धातुरूप - चर ,वस ( लट लकार )  संख्या -१ से २५  संधि - स्वर संधि (दीर्घ संधि )  प्रत्यय - क्त्वा

परीक्षा	पाठ्यपुस्तक	व्याकरण
वार्षिक परीक्षा	दीपकम् भाग १ पाठ १० - त्वम् आपणं गच्छ पाठ १२ - आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः पाठ १३ -सङ्ख्यागणना ननु सरला पाठ १४-माधवस्य प्रियम् अङ्गम्	चित्रावर्णनम् अपठित गद्यांशः शब्दरूप- युष्मद् एवं एतत् (पुल्लिङ्ग) चित्रावर्णम् धातुरूप- चर एवं वस( लृट् लकार ) संख्या -१ से ५० संधि - स्वर संधि (गुण संधि ) प्रत्यय - तुमुन्

## Computer Science

### Students will be able to

- Understand internet services, cloud computing, and online communication.
- Learn spreadsheet formatting, formulas, and functions in Excel.
- Create and design web pages using HTML5 and CSS3.
- Explore video editing with OpenShot and digital drawing with Krita.
- Develop coding skills using MakeCode Arcade and Python.
- Understand AI concepts, applications, and benefits.
- Follow safe and responsible computing practices.

**Book: Tech Ninja**

**Publisher Name: Inventant Education**

### APRIL

#### Ch 1 Internet Services and Cloud Computing

- Information Retrieval
- Search Engines
- Email vs. Postal Mail
- Creating an Email Account
- Chat, Google Meet, Dos and Don'ts of Chatting

- Video Conferencing, E-Learning, E-Banking
- E-Greetings, E-Commerce, Internet TV
- Introduction to Cloud Computing, Characteristics of Cloud Computing
- Storing and Sharing Data Using Cloud Computing

## **MAY**

### **Ch 2 Editing and Formatting a Worksheet**

- Selecting Cells
- Editing Cell Contents
- Deleting Cell Contents
- Copying and Moving Data
- Inserting Rows and Columns
- Deleting Rows and Columns
- Font Group, Alignment Group

Practical: MS Excel

## **JULY**

### **Ch 3 Functions and Formulas in Excel 2021**

- Functions in Excel
- AutoSum Feature
- Function Library
- Formulas in Excel
- Elements of a Formula in Excel
- Performing Calculations in Excel
- Types of Cell References

Practical : MS Excel

## **AUGUST**

### **Ch 6 Introducing Krita**

- What is Krita?
- Downloading and Installing Krita
- Starting Krita, Creating a New File in Krita
- Components of Krita, Tools in Krita
- Drawing Tools
- Inserting an Image, Selection Tools, Editing Tools

Practical: Krita

### **Ch 7 Introduction to MakeCode Arcade**

- Introduction to Coding, Introduction to MakeCode
- Downloading and Installing MakeCode Arcade
- Starting Online MakeCode Arcade
- Components of MakeCode Arcade Window
- Using Basic Blocks to Create a Simple Animation

- Using Variables in MakeCode Arcade
- Practical: MakeCode Arcade

## **SEPTEMBER**

Mid Term Revision

### **Mid Term Syllabus:**

Ch 1 Internet Services and Cloud Computing

Ch 2 Editing and Formatting a Worksheet

Ch 3 Functions and Formulas in Excel 2021

**Practical: Excel**

## **OCTOBER**

### **Ch 4 Building a Web Page Using HTML5 and CSS3**

- Web Page, HTML, HTML5
- Tools for HTML5
- Types of HTML Editors
- Understanding HTML Tags
- Types of HTML Tags, Elements, Attributes
- Let's Create Your First Web Page
- Introduction to Basic HTML Tags
- Other HTML Tags
- HTML Structural and Spacing Tags
- HTML Text Formatting Tags
- CSS: Why Use CSS? What is CSS3?
- Key Features of CSS3
- How to Add CSS
- CSS Priority Order, Background Properties

Practical: HTML

## **November**

### **Ch 5 Introduction to OpenShot**

- Components of OpenShot Window
- Editing Videos with OpenShot

Practical: Openshot

## **DECEMBER**

### **Ch 8 Programming with Python**

- Algorithm, Flowchart, Introduction to Programming
- What is Python? Use of Python, Installing Python
- Python IDLE, Using the Print() Function
- Variables in Python, Data Types
- Using the Input() Function, Escape Sequences

Practical: Python

## **JANUARY**

### **Ch 9 Applications of AI**

- About AI, AI - John McCarthy
- Features of AI
- Need for AI, Advantages and Disadvantages of AI
- Applications of AI

## **February**

Final Term Revision

### **Final Term Syllabus:**

Ch 4 Building a Web Page Using  
HTML5 and CSS3

Ch 8 Programming with Python

Ch 9 Applications of AI

Practical : HTML , Python

## **General Knowledge**

### **Book: Let's Enhance Our Knowledge**

**Publisher:Green Earth Publications Pvt. Ltd.**

### **Learning outcomes:**

Students will be able to-

- \* acquire a broader understanding of various subjects including History, Geography, Science, literature and current affairs.
- \* engage with current topics to analyze, evaluate and synthesize information.
- \* enhance their critical thinking abilities.
- \* learn about different cultures, traditions and historical events that promote cultural sensitivity and global awareness.
- \* keep up with current events in order to stay informed about the world around them
- \* foster a sense of civic responsibility.

### **Term 1:**

Questions based on-

Textbook exercises no. 1 to 36

Current Affairs

Mental ability

### **Term 2:**

Questions based on-

Textbook exercises no. 37 to 71 and Model Test Paper II

Current Affairs

Mental ability

## **ART Syllabus – Supreme Drawing Skills-6**

### **Learning Outcome:**

Students will demonstrate technical ability and craftsmanship in their artworks. Students will demonstrate understanding of the elements of art and principles of design through effective compositions. Students' artworks will communicate concepts effectively.

### **April-September 2025**

- Page 4-Draw perspective
- Page 5-Draw proportion of human body
- Page 6-Do shading page 7 draw lighten shade in the geometric objects
- ART Day celebration
- Pages 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24.
- (Draw only 2 pictures of your choice)
- Pages 25, 26-(students choice)
  
- Page 29-Draw any 3 vegetables of your choice page 31 draw any 3 flowers of your choice
- Page 33-Draw any 2 birds
- Page 34-Draw any 2 trees from the above
- Pages 35, 36, 37, and 38-(Students choice)
- Page 39-Any 3 figures in the drawing
- Van Mahotsav
- Page 41-Copy from page 40
- Page 42-Draw any 3 shapes of ear and nose
- Page 43-Draw any 2 eyes and lips
- Page 44-Draw a new one phase of your choice
- Grading for Mid-term

### **October 2025 to January 2026**

- Page 45-Draw anyone face
- Page 47-Do the shading
- Page 48-Complete with colouring
- Page 49-Do pencil shading
- Page 52-Draw stick drawings page 53 draw figure blocks
- Page 54-Draw anyone figure in action
- Page 55-Do the colouring page 56
- Page 56-Draw any 2 cartoons of your choice
- Page 57-Do the colouring

- Page 58-Do the colouring page 59 do the colouring add dialogues

page 60 do colouring and add dialogues

page 61 do this spray work

page 62 into the paper collage work

- Checking and grading of the Art works