

**MAHARAJA AGRASEN MODEL SCHOOL**  
**MONTHLY SYLLABUS PLAN**  
**SESSION 2024-2025**  
**CLASS -IV**  
**ENGLISH**

**LEARNING OUTCOMES**

- 1.The students will communicate effectively and appropriately in real life situations.
- 2.Students will use English effectively across the curriculum.
- 3.Students will learn to develop and integrate the use of four language skills i.e.- listening, speaking, reading and writing.
- 4.Students shall develop interest in appreciation of literature.
- 5.Students will revise and reinforce structures already learnt.
- 6.Students will be able to express ideas in clear and grammatically correct English, using appropriate vocabulary and punctuation.
- 7.Students shall answer questions coherently in written or oral form in English based on day-to-day life experiences, unfamiliar story,poeem heard or read.
- 8.Students shall recite and share English songs, poems, games, riddles, stories, tongue twisters etc, with peers and family members.

**TEXTBOOKS**

1.**Reader:** 21st Century English Grade 4

Publisher: Burlington English

2.**Grammar:** Burlington English Grammar An Eclectic Approach Grade 4

Publisher: Burlington English

3.**Supplementary Reader:** Treasure Trove Authors: Aditi Misra, Abha Malik

Pasricha Publisher: Rising Sun Pub. Co.

**APRIL & MAY**

- **Literature** – L- 5 Braille  
Poem : The Voice of Spring
- **Grammar** – Nouns  
a/an/the
- **Writing Skill** : Guided Paragraph Writing
- **Comprehension** : Unseen Passage/ Poem

- **Treasure Trove:** The Boy and The Apple Tree  
The Elephant And The Forester

## **JULY**

Revision for Periodic Test 1

- **Literature** – L- 3 The Weightlifting Princess
- **Grammar** : Present Simple  
Present Continuous  
Subject Verb Agreement
  - Treasure Trove: The Mysterious Neighbour
  - The Friendly Elves

## **AUGUST**

- **Literature:** L- 4 The Case of the Missing Water  
Poem : Friends
- **Grammar** : Possessive Nouns  
Vocabulary
- **Writing Skill** : Guided Picture Description
- **Comprehension** : Unseen Passage/ Poem
- **Treasure Trove** : The Diary Of Anne Frank

## **SEPTEMBER**

- **Grammar:** Prepositions  
Conjunctions
- **WritingSkill:** Paragraph Writing
- Revisions
- **Treasure Trove** : A Wise Old Bird

## **OCTOBER**

- **Literature** - L- 7 Kali Wants to Dance  
Poem: The Bluebird
- **Grammar-** Past Simple and Past Continuous
- **Treasure Trove** : The Ugly Fairy

## **NOVEMBER**

- **Literature** - L-6 Luke saves the Whale
- **Grammar**- Question words
- Revisions for PT2
- **Treasure Trove** : Castles In The Air

## **DECEMBER**

- **Literature** : L-8 The Sword in the Stone , Poem : Going Downhill  
on a Bicycle
- **Grammar**- Tag Questions  
Future Tense
- **Comprehension** : Unseen Passage/ Poem
- **Treasure Trove** : I Understand

## **JANUARY**

- **Literature** : L- 2 Down the Rabbit hole
- **Grammar**- Punctuation
- **Writing Skill** : Message Writing
- **Treasure Trove** : The Messenger

## **FEBRUARY**

- **Literature** : L- 4 The Railway Children
- **Grammar**- Regular and Irregular Verbs  
Can/could/be able to/should/may/must/have to/some/any/every
- **Writing Skill** : Picture Description
- **Comprehension** : Unseen Passage/Poem
- **Treasure Trove** : The Four Friends

## **MARCH**

Revisions for final term exam

- **Treasure Trove** : The Reward

## **EXAM SYLLABUS**

### **Periodic Test 1**

- **Literature** – L- 5 Braille  
Poem : The Voice of Spring
- **Grammar** – Nouns  
a/an/the

- **Writing Skill** : Guided Paragraph Writing
- **Comprehension** : Unseen Passage/ Poem

### **Mid Term Exam**

- **Literature:**L-3 The Weightlifting Princess  
L- 4 The Case of the Missing Water  
Poem : Friends
- **Grammar** : Present Simple  
Present Continuous  
Possessive Nouns  
Vocabulary
- **Writing Skill** : Guided Picture Description
- **Comprehension** : Unseen Passage/ Poem

### **Periodic Test 2**

- **Literature** - L- 7 Kali Wants to Dance
- **Poem:** The Bluebird
- **Grammar-** Prepositions  
Conjunctions  
Past Simple and Past Continuous
- **WritingSkill:** Paragraph Writing
- **Comprehension** : Unseen Passage/ Poem

### **Final Term Examination**

- **Literature:** : L- 6 Luke saves the Whale  
L- 8 The Sword in the Stone  
**Poem** : Going Downhill on a Bicycle
- **Grammar-** Question words  
Tag Questions  
Punctuation  
Future Tense
- **Writing Skill** : Message Writing
- **Comprehension** : Unseen Passage/ Poem

# हिंदी

सत्र 2024-25

## शिक्षण उद्देश्य

- विद्यार्थियों की पुस्तकों के प्रति रुचि जाग्रत करना
- शुद्ध पढ़ने लिखने की योग्यता प्रदान करना
- वार्तालाप में दक्षता प्राप्त करना
- मौखिक व लिखित अभिव्यक्ति का विकास करना
- विद्यार्थियों की कल्पना शक्ति और सृजनात्मकता का विकास करना
- नैतिक मूल्यों का विकास करना।

## मूल्यांकन विधि

विद्यार्थियों का पठन-पाठन कविता, संवाद, वर्तनी, व्याकरण, काव्यांश, गद्यांश के आधार पर मूल्यांकन किया जाएगा

पाठ्यपुस्तक

प्रकाशक

बरखा भाग 4

गीता पब्लिशिंग हाउस

ज्ञानसुधा

पीताम्बर

सहज हिंदी व्याकरण

क्रिएटिव किड्स

## अप्रैल

बरखा

पाठ 1 ईश्वर अल्लाह तेरे नाम (कविता)

पाठ 2 भगवान को पत्र (गद्यांश)

पाठ 3 मेघा की डायरी

ज्ञानसुधा

पाठ 1 बालक का प्रण

व्याकरण

पाठ 1 भाषा

पाठ 6 लिंग (मुर्गा से बिलाव तक)

पाठ 7 वचन (कमीज से बूंद तक)

पाठ 11 शब्द भंडार

- विलोम शब्द (सरल से आशा तक)
- पर्यावाची शब्द (आंख से जगत तक)
- अनेक शब्दों के लिए एक शब्द (चित्र बनाने वाला से प्रतिदिन होने वाला तक)

पाठ 13 अशुद्धि शोधन (चाँद से तलाब तक)

पाठ 14 मुहावरे (आकाश पाताल एक करना से गुड़ गोबर करना)

गिनती 1 से 20 तक

## मई

प्रथम चक्रीय परीक्षा के लिए पुनरावृत्ति

बरखा

पाठ 4 वर्षा ऋतु (कविता)

जानसुधा

पाठ 2 मौके की सहायता

पाठ 3 माँ का हृदय

सोमवार प्रथम चक्रीय परीक्षा पाठ्यक्रम

बरखा

पाठ 1 ईश्वर अल्लाह तेरे नाम (कविता)

पाठ 2 भगवान को पत्र (गद्यांश)

पाठ 3 मेघा की डायरी

व्याकरण

पाठ 1 भाषा

पाठ 6 लिंग (मुरगा से बिलाव तक)

पाठ 7 वचन (कमीज़ से बूँद तक)

पाठ 11 शब्द भंडार

- विलोम शब्द (सरल से आशा तक)
- पर्यायवाची शब्द (आंख से जगत तक)
- अनेक शब्दों के लिए एक शब्द (चित्र बनानेवाला से प्रतिदिन होने वाला)

पाठ 13 अशुद्धि शोधन (चाँद से तलाब तक)

पाठ 14 मुहावरे (आकाश पाताल एक करना से गुड़ गोबर करना )  
गिनती 1 से 20 तक  
पठित गद्यांश

## जुलाई

बरखा

पाठ 5 नेता की दाढ़ी (गद्यांश)

पाठ 6 रावण की सीख

ज्ञानसुधा

पाठ 4 माटी का चबूतरा

व्याकरण

पाठ 2 वर्ण और वर्णमाला

पाठ 3 शब्द

पाठ 4 वाक्य

पाठ 6 लिंग ((बैल से सेठ तक)

पाठ 7 वचन ((झंडा से कौआ तक)

पाठ 11 शब्द भंडार

- पर्यायवाची शब्द (बेटी से आग तक)
- विलोम शब्द (अच्छाई से वीर तक)
- अनेक शब्दों के लिए एक शब्द (महीने में एक बार होने वाला से शिक्षा देने वाला तक)

## अगस्त

बरखा

पाठ 7 विचित्र अतिथि

ज्ञानसुधा

पाठ 5 सच्ची वीरता

व्याकरण

पाठ 13 अशुद्धि शोधन (आनंद से प्रसाद तक)

पाठ 14 मुहावरे (घोड़े बेचकर सोना से नौ होना)

गिनती 21 से 40 तक

चित्र वर्णन/अनुच्छेद लेखन

### मध्यावधिक परीक्षा पाठ्यक्रम

बरखा

पाठ 4 वर्षा ऋतु (काव्यांश)

पाठ 5 नेता की दाढ़ी (गद्यांश)

पाठ 6 रावण की सीख

पाठ 7 विचित्र अतिथि

व्याकरण

पाठ 4 वाक्य

पाठ 5 संज्ञा

पाठ 6 लिंग (बैल से सेठ तक)

पाठ 7 वचन (झंडा से कौआ तक)

पाठ 11 शब्द भंडार

- पर्यायवाची शब्द (बेटी से आग तक)
- विलोम शब्द (अच्छाई से वीर तक)
- अनेक शब्दों के लिए एक शब्द (महीने में एक बार होने वाला से शिक्षा देने वालों तक)

पाठ 14 मुहावरे (घोड़े बेचकर सोना से नौ होना तक)

चित्र वर्णन/ अनुच्छेद लेखन, अपठित गद्यांश

गिनती 21 से 40 तक

### सितंबर

मध्यावधिक परीक्षा हेतु मौखिक तथा लिखित पुनरावृत्ती

बरखा

कविता- घूम हाथी झूम हाथी

पाठ 8 अब्दुल कादिर

पाठ 9 अवंति के किस्से (पठन पाठन)

पाठ 10 चाँद का कुर्ता (कविता)



ज्ञानसुधा

पाठ 6 बीरबल की बुद्धिमत्ता

पाठ 7 स्वाभिमान

**अक्टूबर**

बरखा

पाठ 11 चींटी (अनुच्छेद लेखन)

पाठ 12 तीन मूर्ख (पठन पाठन)

ज्ञानसुधा

पाठ 8 विवेक और साहस

व्याकरण

पाठ 8 सर्वनाम

पाठ 9 विशेषण

पाठ 6 लिंग (वर से अध्यापक तक)

पाठ 7 वचन (रुपया से मछली तक)

पाठ 13 अशुद्धि शोधन (अहार से आशीर्वाद तक)

पाठ 11 शब्द भंडार

- पर्यायवाची शब्द (कपड़ा से शिक्षक तक)
- विलोम शब्द (गर्मी से सत्य तक)
- गिनती 41 से 60 तक
- अनेक शब्दों के लिए एक शब्द (छाया देने वाला से जो कहानी लिखें)
- पाठ 14 मुहावरे (पानी-पानी होना से मुँह में पानी आना)

**द्वितीय चक्रीय परीक्षा पाठ्यक्रम**

बरखा

पाठ 7 विचित्र अतिथि

पाठ 8 अब्दुल कादिर

पाठ 10 चाँद का कुर्ता (कविता)

## व्याकरण

सर्वनाम

विशेषण

पाठ 6 लिंग (वर से अध्यापक तक)

पाठ 7 वचन (रूपया से मछली तक)

पाठ 13 अशुद्धि शोधन (अहार से आशीरवाद तक)

पाठ 11 शब्द भंडार

- पर्यायवाची शब्द (कपड़ा से शिक्षक तक)
- विलोम शब्द (गर्मी से सत्य तक)
- अनेक शब्दों के लिए एक शब्द (छाया देने वाला से जो कहानी लिखें)

पाठ 14 मुहावरे (पानी-पानी होना से मुँह में पानी आना)

गिनती 41 से 60 तक

अपठित गद्यांश, अनुच्छेद लेखन

## नवंबर

सोमवार द्वितीय चक्रीय परीक्षा हेतु मौखिक तथा लिखित पुनरावृत्ति

बरखा

पाठ 13 मेरी अभिलाषा है (कविता)

पाठ 14 मनुष्य का दिमाग

ज्ञानसुधा

पाठ 9 कश्मीरी सेब

व्याकरण

पाठ 6 लिंग (लेखक से नेता तक)

पाठ 7 वचन (घड़ी से वधू तक)

पाठ 10 क्रिया

## दिसंबर

बरखा

पाठ 15 गणतंत्र दिवस

आराम है हराम (कविता)

ज्ञानसुधा

पाठ 10 हेलेन वाकर की सच्चाई

व्याकरण

पाठ 13 विराम चिन्ह

पत्र लेखन, गिनती 61 से 75 तक

### जनवरी

बरखा

पाठ 16 विकास या विनाश

खुश हो गई राजकुमारी (कविता)

ज्ञानसुधा

पाठ 11 तीर्थ यात्रा

### फरवरी

व्याकरण

पाठ 13 अशुद्धि शोधन (समापत से पतनी तक)

पाठ 11 शब्द भंडार

- पर्यायवाची शब्द (बंदर से घर तक)
- विलोम शब्द (सुगंध से अमीर तक)
- अनेक शब्दों के लिए एक शब्द( जो शाक सब्जी खाता हो से जिसके आने की तिथि न हो)

पाठ 14 मुहावरे(दाँत काटी रोटी होना से नाक में दम करना)

ज्ञान सुधा

पाठ 12 अमर शहीद खुदीराम बोस

व्याकरण

गिनती 61 से 75 तक, पत्र लेखन तथा चित्र वर्णन

मार्च

- वार्षिक परीक्षा हेतु मौखिक तथा लिखित पुनरावृत्ति
- वार्षिक परीक्षा पाठ्यक्रम

बरखा

पाठ 13 मेरी अभिलाषा है (कविता)

पाठ 14 मनुष्य का दिमाग

पाठ 16 विकास या विनाश

व्याकरण

पाठ 6 लिंग (लेखक से अभिनेता तक)

पाठ 7 वचन (घड़ी से वधू तक)

अशुद्धि शोधन (समापत से पतनी तक)

पाठ 11 शब्द भंडार

- पर्यावाची शब्द (बंदर से घर तक)
- विलोम शब्द( सुगंध से अमीर तक)
- अनेक शब्दों के लिए एक शब्द (जो शाक सब्जी खाता हो से जिससे आने की तिथि ना हो)

पाठ 14 मुहावरे (दाँत काटी रोटी होना से नाक में दम करना तक)

गिनती 61-75 तक, पत्र लेखन, अपठित गद्यांश, चित्र वर्णन

# **MATHEMATICS**

## **LEARNING OUTCOMES**

- The aims of teaching and learning mathematics are to encourage and enable students to : ·appreciate the usefulness, power and beauty of mathematics.
- enable the students to use the language, symbols and notations of mathematics.
- develop mathematical curiosity and use reasoning when solving problems
- become confident in using mathematics to analyze and solve problems both in school and real life situations.
- develop abstract, logical and critical thinking.

**TEXTBOOKS- Magic with Maths, Mental Maths**

**PUBLISHER- TPACK EDUCATION**

**April**

### **Chapter- 1 Large Numbers Subtopics:**

- Numbers beyond 9999
- Reading and writing large numbers
- Place value and face value
- Expanded and short form
- Successor and predecessor
- Comparison of numbers
- Forming smallest and largest numbers
- Rounding numbers

**Mental Maths** – Exercise 1 to 21

**May**

**Chapter - 2 , Roman Numerals**

**Subtopics :**

I Hindu - Arabic Numerals

I Roman Numerals

I Rules for writing roman numerals

**Chapter-3 Addition**

**Subtopics:**

- Properties of addition
- Addition of 5 and 6 digit numbers
- Checking the sum
- Estimating the sum
- Word problems

**Mental Maths – Exercise 22 to 28**

**July**

**Chapter-4 Subtraction**

- Properties of subtraction
- Subtraction of 5 and 6 digit numbers
- Checking the subtraction
- Estimating the difference
- Word problems

**Chapter-5 , Multiplication**

- Properties of multiplication
- Multiplication of 1-, 2-, 3- digit multiplication.
- Estimating the product
- Word problems

## **August**

### **Chapter – 6 Division Subtopics:**

- Properties of division
- Terms associated with division
- Dividing by 1, 2 and 3 digit divisors
- Division by 10, 100 and 1000
- Word problems
- Unitary method

**Mental Maths** – Exercise 42 to 45

### **Chapter – 14 Patterns and Symmetry**

#### **Subtopics:**

- **Patterns**
- **Tessellations**
- **Reflections**
- **Symmetry**

**Mental Maths** – Exercise 54 to 62

## **September**

### **Chapter- 7 Multiples and factors**

#### **Subtopics:**

- Understanding multiples
- Common Multiples
- Understanding Factors
- Common Factors

**Revision for Mid term exams.**

## **October**

### **Chapter – 7, Multiples and factors**

- Highest Common Factor(HCF)
- Prime and Composite Numbers

- Sieve of Eratosthenes
- Prime Factorization
- Tests of Divisibility

## **Chapter- 8 Fractions**

### **Subtopics:**

- Understanding fractions
- Numerator and denominator
- Proper and improper fractions
- Mixed fractions
- Equivalent fractions
- Reducing A fraction to its Lowest Terms
- Like and Unlike Fractions
- Comparing Fractions
- Ordering of Fractions
- Addition and Subtraction of Like Fractions
- Addition and Subtraction of Unlike Fractions
- Finding the fraction of a number

**Mental Maths** – Exercise 72 to 78

## **November**

### **Chapter – 13 Geometry**

#### **Subtopics :**

- **Basic geometrical terms**
- **Measuring and drawing line segment of a given length**
- **More about lines , line segments and rays**
- **Angles**
- **Shapes**
- **Circle**

**Mental Maths** – Exercise 46 to 53



## **December**

### **Chapter – 10 Measurement**

#### **Subtopics:**

- Measurement of length
- Expressing one unit of length in terms of another
- Measurement of mass
- Expressing one unit of mass in terms of another
- Measurement of capacity
- Expressing one unit of capacity in terms of another
- Addition and subtraction of metric measures

**Mental Maths** – Exercise 63 to 71

### **Chapter – 11 Time**

#### **Subtopics:**

- Telling time to the next hour
- Reading time to the exact minute
- Conversion of time
- A.M. and P.M.
- Addition and subtraction of time
- 24 hour clock
- Time before and after the given time
- Time duration
- Calendar
- Finding number of days

**Mental Maths** – Exercise 83 to 94

## **January**

### **Chapter – 12 Money**

#### **Subtopics:**

- Our notes and coins
- Writing money
- Conversion of money
- Addition and subtraction of money

- Multiplication and division of money

**Mental Maths** – Exercise 79 to 82

**Chapter : 16, solid shapes**

- Types of solid shapes
- Faces, edges, vertices
- Examples of solid shapes

**February**

**Chapter- 15 perimeter and area**

**Subtopics:**

- Perimeter
- Area

**Chapter- 17 Handling data**

**Subtopics:**

- Pictorial representation of data
- Tally marks
- Bar graphs

**Mental Maths** – Exercise 95 to 110

**March**

**Final Term examination**

**Exam Syllabus Periodic Test – 1**

Chapter -1 Large Numbers

Chapter - 2, Roman Numerals

**Mid Term Exam**

Chapter – 3 Addition

Chapter – 4 Subtraction

Chapter – 5 Multiplication

Chapter – 6 Division

Chapter – 7 Multiples and Factors  
Chapter – 14 Patterns and Symmetry

**Periodic Test - 2**

Chapter - 9, Decimal  
Chapter – 8 Fractions  
Chapter – 13  
Geometry

**Final term examination**

Chapter – 10 Measurement  
Chapter – 11 Time  
Chapter – 12 Money  
Chapter – 15 Perimeter and Area  
Chapter - 16, Solid Shapes  
Chapter – 17 Handling Data

# **SCIENCE**

## **TEXTBOOK - Millennium's Science for Juniors**

### **OBJECTIVES**

Science teaching aims to realize the following general objectives:

1. It enables the learners to know the facts and principles of science and its applications, consistent with the stage of cognitive development.
2. Acquire the skills and understand the methods and develop intellectual and practical scientific skills.
3. motivate to apply basic scientific principles in all sciences.
4. Acquire knowledge about health, environment and safety practices and behave accordingly. Realize some natural resources can be depleted and make them aware of the role of science in sustaining these resources.
5. Use scientific knowledge and skills in novel situations especially in everyday life. Develop scientific curiosity and orientation towards scientific research.
6. Working independently in solving scientific problems.

### **APRIL**

#### **LESSON 1- PLANTS -the Sources of Food**

Sub Topics:

Photosynthesis

- Leaf- The Food Factory
- Role of Roots
- Role of Stem
- Storage of Food

### **MAY**

#### **LESSON 2 : Adaptation in Plants**

Sub Topics:

- Terrestrial plants
- Aquatic Plants
- Other Plants

#### **LESSON 3: Adaptation in Animals**

Sub Topics:

- Adaptations

- Adaptations based on Habitat
- Adaptation based on food habits
- Adaptation based on safety

## **JULY**

SYLLABUS OF PERIODIC TEST 1

Lesson 1: Plants- the Sources of Food

Lesson 2: Adaptation in Plants

### **INTERNAL ASSESSMENT**

- **SEA-PASTE 5 PICTURES OF TERRESTRIAL PLANTS AND 5 PICTURES OF AQUATIC PLANTS WITH THEIR NAMES ON A4 SHEETS. (5 marks)**
- **Holidays home work ( 5 marks)**

LESSON-4: Reproduction in animals

Sub topics:

- Animals that lay egg babies
- Animals that gives birth to babies
- Parental care

LESSON-5; Our body - Food and Digestion

Sub topics:

- Components of food
- Digestion of food
- Cooking methods of food
- Preservation of food

## **AUGUST**

LESSON-6: Our Teeth

Sub topics:

- Two sets of teeth
- Types of teeth
- Structure of a tooth
- Caring for our teeth
- Microbes

## **SEPTEMBER**

### **MID TERM EXAMINATION**

#### **Syllabus- Mid term**

LESSON-3: Adaptation in Animals

LESSON-4: Reproduction in Animals

LESSON-5: Our Body - Food and Digestion

LESSON-6: Our Teeth

LESSON-7: The Clothes We Wear

Sub topics:

- Choice of Clothes
- Cloth Materials
- Fiber to fabric
- Care for clothes
- Sea Methods of Water Purification

LESSON-8: Our Surroundings

Sub topics:

- Clean environment
- Pollution
- Disposal of waste
- Waste Management

LESSON-10: Water- A wonderful liquid

Sub topics:

- Uses of water
- Water in our body
- Dissolving properties of water
- Impurities in water, How to clean water?
- Ground water
- Conservation of water

## **NOVEMBER**

LESSON 9-SAFETY FIRST (INTERNAL ASSESSMENT)

Project/Presentation on safety rules and first aid

LESSON-11: How Does Weather Change

Sub topics:

- Weather-Definition
- Sun affects the weather
- Air circulation
- Water circulation
- Weather affects our lives

## **DECEMBER**

### **PERIODIC TEST -2 SYLLABUS:**

LESSON-7: The Clothes We Wear

LESSON-8: Our Surroundings

LESSON-12: Material and their properties

Sub topics:

- What is matter made up of?
- Three states of matter
- Changes in states of matter
- Solutions
- Physical properties of matter

LESSON 13- FORCE, WORK AND ENERGY

Sub topics:

- Force-Different types of force
- Work
- Forms of energy
- Simple machines

## **JANUARY**

LESSON-14: Earth and the Solar System

Sub topics:

- The Earth
- The solar system
- Satellites
- Movement of Earth
- The seasons

## **FEBRUARY**

Lesson -14 : Earth and the Solar System

Revision

## **MARCH**

### **ANNUAL EXAMINATION SYLLABUS**

LESSON-10: Water- A wonderful liquid

LESSON-11: How Does Weather Change?

LESSON-12: Material and their Properties

LESSON 13-Force, Work and Energy

LESSON -14: Earth and the Solar system

# **SOCIAL STUDIES**

## **TEXTBOOK-MY BIG BOOK OF SOCIAL STUDIES**

### **PUBLISHER-RATNA SAGAR**

#### **Learning Outcomes**

The learners will be able to

- develop the skills of observation, identification and classification.
- develop a holistic understanding of the environment with emphasis on the interrelationship of the natural and the social environments.
- sensitise to social issues and develop in him/her a respect for difference and diversity.
- understand the society in which they live and learn how society is structured, managed, and governed, and also about the forces seeking to transform and redirect society in various ways.
- grow up as an active, responsible, and reflective member of society.
- learn and respect differences of opinion, lifestyle, and cultural practices.
- question and examine received ideas, institutions and practices.

#### **TERM I**

##### **APRIL**

LESSON 1 : I Love My India

LESSON 3 : The Northern and Coastal Plains

##### **MAY**

LESSON 2 : The Northern Mountains

LESSON 7: Our Soils

##### **JULY**

**(Revision for PT1 .....Lesson 1,3 and 7 for Periodic Test I)**

LESSON 6 : Our Climate

LESSON 10 : Transport and Communication

LESSON 11 : Our Natural Resources



## **AUGUST**

LESSON 16 : The Age of Exploration ( **Internal Assessment**)  
LESSON 17 : Our Rich Culture

## **SEPTEMBER**

**(Revision for Mid Term... Lesson 2,6,10,11,17 and Map work of Lesson 1,2 and 3)**

LESSON 4 : The Western Desert  
LESSON 9 : Our Industries

## **OCTOBER**

LESSON 8 : Our Agriculture (**Internal Assessment**)  
LESSON 12 : Our Forests

## **NOVEMBER**

LESSON 5 :The Southern Plateaus and the Islands  
LESSON 15:Emperor Akbar (**Internal Assessment**)

## **DECEMBER**

**(Revision for PT 2..... Lesson 4,9 and 12)**

LESSON 13: Our Water Resources  
LESSON 14 :Our Mineral Resources

## **JANUARY**

LESSON 18 : Our Rights and Duties

## **FEBRUARY**

LESSON 19 : Local Self Government in Cities  
**(Revision for Lesson 5,13,14,18 and 19 + Map work of Lesson 1 to 5)**

## **MARCH**

REVISION  
FINAL TERM EXAM

## **EXAMWISE BREAK**

### **PERIODIC TEST I**

LESSON 1 : I Love My India

LESSON 3 : The Northern and Coastal Plains

LESSON 7: Our Soils

### **MID TERM EXAM**

LESSON 2 : The Northern Mountains

LESSON 6 : Our Climate

LESSON 10 : Transport and Communication

LESSON 11 : Our Natural Resources

LESSON 17 : Our Rich Culture

### **Map Work of L 1,2,3**

### **PERIODIC TEST II**

LESSON 4 : The Western Desert

LESSON 9 : Our Industries

LESSON 12 : Our Forests

### **FINAL TERM EXAMS**

LESSON 5 :The Southern Plateaus and the Islands

LESSON 13: Our Water Resources

LESSON 14 :Our Mineral Resources

LESSON 18 : Our Rights and Duties

LESSON 19 : Local Self Government in Cities

**Map Work of L 1,2,3,4,5**

# COMPUTER SCIENCE

## Learning outcomes

Students will be able to:

- understand computer memory and the evolution of computers.
- effectively manage files and folders.
- acquire skills in working with images and objects in Microsoft Word 2016.
- gain knowledge about different categories of robots.
- learn how to create tables in Microsoft Word 2016.
- understand internet blocks in Scratch programming language.
- learn how to draw shapes in Scratch.

**Text Book:** TRACKPAD Windows 10 with Office 2016 ver 2.0

**Publisher:** Orange Education Pvt Ltd.

## APRIL

### Lesson 1: Computer Memory

Subtopics:

- Computer Memory
- Types Of Computer Memory
- Online Storage

### Lesson 2: The Computer Timeline

Subtopics:

- Evolution of Computers
- Generation of Computers
- Features of Computers
- Limitations of Computers

**PRACTICAL :** MS WORD

## MAY

### Lesson 3: Managing Files and Folders

Subtopics:

- Windows 10 Operating System
- Managing Files and Folders

**PRACTICAL:** FOLDERS AND FILES

## JULY

### Lesson 4: Images and Objects in Word 2016

Subtopics:

- inserting a Picture

- Wrapping Text around a picture
- Inserting Word Art
- Working with Shapes

**PRACTICAL:** MS WORD

## **AUGUST**

### **Lesson 11: Categories of Robots**

Subtopics:

- Robots
- Categories of Robots

## **SEPTEMBER**

**PRACTICAL:** MS WORD

REVISION FOR MID TERM EXAM

### **MID TERM EXAM SYLLABUS**

Lesson 1: Computer Memory

Lesson 2: The Computer Timeline

Lesson 3: Managing Files and Folders

Lesson 4: Images and Objects in Word 2016

Lesson11 Categories of Robots

## **OCTOBER**

### **Lesson 5: Creating Tables in Word 2016**

Subtopic:

- What is a Table?
- Inserting a Table
- Entering data in a Table
- Moving in a Table
- Selecting different parts of a Table
- Inserting a Row/column in a Table
- Deleting a Row/column in a Table
- Merging cells in a Table
- Splitting cells in a Table
- Applying Borders and Shading
- Changing the Text Alignment

**PRACTICAL:** MS WORD

## **NOVEMBER**

### **Lesson 6: Introduction to PowerPoint 2016**

Subtopic:

- Starting PowerPoint2016
- Components of PowerPoint 2016 Window
- Creating a New Presentation
- Viewing a Presentation
- Saving a Presentation
- Opening an existing Presentation
- Existing PowerPoint2016

## **DECEMBER**

### **Lesson 7: More on PowerPoint 2016**

Subtopic:

- Adding themes to a Presentation
- Slide Layout
- PowerPoint Views

### **Lesson 10: More on Internet**

Subtopic:

- Internet
- Commonly used Internet Terms
- Microsoft Edge
- Displaying a specific web page
- Online Safety

## **JANUARY**

### **Lesson 8: Blocks in Scratch**

Subtopic:

- Motion Blocks
- Events Blocks
- Looks Blocks
- Sound Blocks
- Control Blocks
- Operators Block
- Project :Operations in Maths

**PRACTICAL: SCRATCH**

## **FEBRUARY**

### **Lesson 9: Drawing Shapes in Scratch**

Subtopic:

- Drawing Shapes
- Controlling a Sprite

- Working with Two sprites

**PRACTICAL: SCRATCH**

**REVISION FOR FINAL TERM EXAM**

**FINAL TERM EXAM SYLLABUS**

Lesson 5: Creating Tables in Word 2016

Lesson 6: Introduction to PowerPoint 2016

Lesson 7: More on PowerPoint 2016

Lesson 10: More on Internet

Lesson 8: Blocks in Scratch

Lesson 9: Drawing Shapes in Scratch

# **GENERAL KNOWLEDGE**

**TEXTBOOK - GAIN THE KNOWLEDGE**

**PUBLISHER - AARYAN PUBLICATIONS**

## **TERM I**

### **Unit-I Life Skills**

1. Go green
2. Cleanliness in Neighbourhood
3. Fitness Mantara
4. Waste Segregation
5. Online Safety

### **Unit-II Nature**

6. Animal Kingdom
7. Quiz on Wonderful Animals
8. Reptiles
9. Confusing Creatures
10. Deadly Marine Animals
11. Bird's Eye View
12. Herbal Plants
13. Carnivorous Plants

Model Test Paper-1

### **Unit-III My Country and the World**

14. Great Emperors
15. Painting of India
16. Our Freedom Fighters
17. It Pays to the First
18. Nobel Laureate

### **Unit-IV Nature**

19. Women Pride
20. Cities and Landmarks
21. International Days
22. National Flowers
23. Parliaments of Different Countries
24. Sobriquets
25. Famous Official Residence
26. Cuisines of the World
27. Celebrations
28. Connecting Ports
29. Cities on the banks of Rivers
30. Skyscrapers
31. Unique Restaurants
32. Natural Wonders of the World

Model Test Paper-2

CURRENT AFFAIRS

**TERM II**



## **Unit-IV Sports and Entertainment**

- 33. Our National Game
- 34. Rapid Fire
- 35. Cups and Trophies
- 36. Commonwealth Games
- 37. Sports
- 38. Athletics Events
- 39. Book Nook
- 40. The Magic of Music Quiz

## **Unit-V Science and Technology**

- 41. Our Body Parts
- 42. Solar Energy
- 43. Medical Machine
- 44. Special Vehicles

## **Unit-VI English and Literature**

- 45. Play with Words
- 46. Spell Bee
- 47. Word Game
- 48. Getting Words right
- 49. Read it ta Know it
- 50. Abbreviations

## **Unit-VII Logical Reasoning**

- 51. Balance the Scale

52. Changing Shapes
53. Guess it to get it
54. Mind Boggler
55. Solve the Maze
56. Number Puzzles
57. Find the Relationship
58. Observation Fun
59. Phobias
60. Tech Round Up
61. Boost your brain
62. I love my Parents
63. Current Affairs

Model Test Paper-3

CURRENT AFFAIRS

## **SKILL BASED ACTIVITY**

**TEXTBOOK- Fusion & Fission Art & Craft book**

**PUBLISHER- CODEX**

### **Learning Outcomes**

The learners will be able to

- Develop the skills of observation and fine motor skills.
- Develop craft skills, promotes innovation, creativity and recycling techniques.
- Promotes sensory development and facilitates retention capability.
- Enhances hand and eye co-ordination.
- Encourage play based learning.

<b>Month</b>	<b><u>SBA book activity</u></b>
<b>April</b>	Pg 6, 7, 13, 33
<b>May</b>	Pg 8, 12, 22- 23, 24
<b>July</b>	Pg 9-10, 11, 13, 14,
<b>August</b>	Pg 4- 5, 15,16, 17-18
<b>September</b>	Pg 19, 20- 21, 26, 27-28, 25 ( <i>h.w</i> )
<b>October</b>	Pg 29-30, 31, 32 ( <i>h.w</i> ), 36
<b>November</b>	Pg 34, 35, 37, 38
<b>December</b>	Pg 39,40, 41, 42
<b>January</b>	Pg 43, 44, 45
<b>February</b>	Pg 46- 47 , 48
<b>March</b>	Pg 49, 50 <b>Checking and grading of SBA book.</b>