

MAHARAJA AGRASEN MODEL SCHOOL
MONTHLY SYLLABUS PLAN
SESSION: 2024-2025
CLASS –V
SUBJECT - ENGLISH

Learning Outcomes

Students will be able to:

1. communicate effectively and appropriately in real-life situations
2. use English effectively across the curriculum
3. develop and integrate the use of four language skills i.e.- listening, speaking, reading, and writing
4. develop an interest in the appreciation of literature
5. revise and reinforce structures already learned.
6. express ideas in clear and grammatically correct English, using appropriate vocabulary and punctuation.

Textbooks

Reader: 21st Century English Grade 5

Publisher: Burlington English

Grammar: Burlington English Grammar An Electric Approach Grade 5

Publisher: Burlington English

Supplementary Reader: Treasure Trove

Author: Aditi Misra, Abha Malik Pasricha

Publisher: Rising Sun

April & May

- **Literature** - Poem: Let's See the World
L-3 Manu mixes Clay with Sunshine
- **Grammar**- Nouns
a/an/the
Vocabulary (prefixes and. suffixes)
- **Writing Skill**- Recipe Writing
- **Comprehension**- Unseen Passage/Poem
- **Treasure Trove**: Freddy- The Nobody
The Swiss family Robinson- Shipwrecked

July

- **Literature** - L-7 Chipko takes Roots
- **Grammar**-Subject Verb Agreement
Present Simple
Present Continuous
- **Writing skills** : Descriptive Paragraph Writing
- **Treasure Trove**: Catch of a lifetime
Song of songs

August

- **Literature** - L-4 Selfless Jo
Poem: The Wind
- **Grammar**- Adverbs
Comparison of Adverbs /Adjectives
Vocabulary (Synonyms and Antonyms)
- **Comprehension**- Unseen Passage/Poem
- **Treasure Trove** : The Heavy Price

September

- Revisions for Mid Term Exams
- **Grammar**- Reflexive and Relative Pronouns
Connecting Words
Prepositions
- **Writing Skill**- Diary Writing
- **Treasure Trove** : Gabriel the Good

October

- **Literature** - L-1 My Secret Garden
Poem: The Champa Flower
- **Grammar**- Verbs
Tenses: Past Simple, Past Continuous
Wish
Vocabulary (Phrasal verbs)
- **Treasure Trove** : The Crab that Got Away

November

- **Literature** - L -5 Luke's new friend
- **Grammar-** Tenses
Wh questions
Interjections
- **Comprehension-** Unseen Passage/ Poem
- **Treasure Trove :** The Boons that slipped Away

December

- **Literature-** L-8 The Swiss family Robinson
Poem: Old Man with a Beard
- **Grammar-** Tag questions
Future Simple
Indirect Speech (Statements, Questions and Commands)
- **Writing Skill-** Letter Writing
- **Treasure Trove :** Tom Sawyer- The Remedy

January

- **Literature-** L -6 King Solomon's Mines
- **Grammar-** Punctuation
Vocabulary (Idioms and Proverbs)
- **Treasure Trove :** The Time Machine

February

- **Literature-** L- 2 Gulliver's Travels
- **Grammar-** Passive: All tenses
Present Perfect Simple
Past perfect Simple
Modals
Semi-modals
- **Writing Skill** - Letter Writing
- **Treasure Trove :** Jingles for Aroma

March

- Revisions
- **Treasure Trove :** Worthless Opinions

EXAM SYLLABUS

Periodic Test-I

- **Literature** - Poem: Let's See the World
L-3 Manu mixes Clay with Sunshine
- **Grammar**- Nouns
a/an/the
Vocabulary (prefixes and. suffixes)
- **Writing Skill**- Recipe Writing
- **Comprehension**- Unseen Passage/Poem

Mid Term Examination

- **Literature** - L-7 Chipko takes Roots
L-4 Selfless Jo
Poem: The Wind
- **Grammar**-Subject Verb Agreement
Present Simple
Present Continuous
Comparison of Adjectives/Adverbs
- **Writing skills** : Descriptive Paragraph Writing
- **Comprehension**- Unseen Passage/Poem

Periodic Test-II

- **Literature** - L-1 My Secret Garden
Poem: The Champa Flower
- **Grammar**- Tenses: Past Simple, Past Continuous
Connecting Words
Prepositions
- **Writing Skill**- Diary Writing
- **Comprehension**- Unseen Passage/Poem

Final Term

- **Literature:** L- 8 The Swiss family Robinson
L-6 King Solomon's Mines
Poem: Old Man with a beard
- **Grammar-** Punctuation
Vocabulary (Idioms and Proverbs)
Indirect Speech
Wh questions
Interjections
- **Writing Skill** - Letter Writing
- **Comprehension-** Unseen Passage/Poem

विषय 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

बरखा भाग 5

ज्ञानसुधा

सहज हिंदी व्याकरण

प्रकाशक

गीता पब्लिशिंग हाउस

मनीष अग्रवाल

क्रिएटिव किड्स

अप्रैल

बरखा

पाठ-1 मेरा देश (काव्यांश)

पाठ 2 अभ्यास का महत्त्व

पाठ 3 स्वार्थी दानव (पठित गद्यांश)

व्याकरण

पाठ-1 भाषा और व्याकरण

पाठ-2 वर्ण विचार

गिनती 1 से 25 तक

पाठ-6 लिंग (प्रिय से पुत्र तक)

वचन (पुस्तक से पेंसिल तक)

पाठ-13 पर्यायवाची शब्द (पक्षी से वस्त्र तक)

- विलोम शब्द (धर्म से गुण तक)
- अनेकार्थी शब्द (हार से फल तक)
- श्रुति सम भिन्नार्थक शब्द (दिन से ग्रह तक)
- अनेक शब्दों के लिए एक शब्द (सुनने वाला से जो छोटा भाई हो तक)

पाठ-14 मुहावरे (अक्ल का दुश्मन से मुँह छिपाना तक)

अपठित गद्यांश

मई

बरखा

पाठ-4 मणिपुर

ज्ञानसुधा पाठ-1,2

प्रथम चक्रीय परीक्षा के लिए पुनरावृत्ति

जुलाई

बरखा

पाठ-5 समय बहुत ही मूल्यवान है (कविता) (पंक्ति पूरी करो)

मैं आगे बढ़ता जाऊँ (कविता)

पाठ-6 दानवीर कर्ण

व्याकरण

पाठ-3 शब्द रचना

पाठ-4 वाक्य

पाठ-5 संज्ञा

ज्ञानसुधा पाठ-3

अगस्त

बरखा

पाठ-7 विशेष पुरस्कार

पाठ-8 चतुर चित्रकार (काव्यांश)

पाठ-9 तंत्रमंत्र

व्याकरण

पाठ-7 सर्वनाम

पाठ-6 लिंग (बंदर से चोर तक)

वचन (तकिया से खिलौना तक)

पाठ-13 पर्यायवाची शब्द (वायु से शरीर तक)

विलोम शब्द (स्वामी से स्वस्थ तक)

अनेकार्थी शब्द (भाग से अंक तक)

श्रुति सम भिन्नार्थक शब्द (अन्न से समान तक)

अनेक शब्दों के लिए एक शब्द (जो विद्यालय में पढ़ता हो से जो बड़ा भाई हो)

पाठ-14 मुहावरे (नाक में दम करना से नमक मिर्च लगाना तक)

ज्ञानसुधा पाठ-4

सितंबर

गिनती 26 से 40 तक

मध्य वार्षिक परीक्षा के लिए पुनरावृत्ति

पाठ-10 नया मसीहा

व्याकरण

पाठ-8 विशेषण

ज्ञानसुधा पाठ 5

अक्टूबर

बरखा

पाठ-11 नीतिवचन (काव्यांश)

व्याकरण

पाठ-9 क्रिया

पाठ-10 काल

गिनती 51 से 75 तक

लिंग (हलवाई से मेहतर तक)

वचन (सेना से अध्यापिका तक)

पर्यायवाची शब्द (पृथ्वी से किनारा तक)

विलोम शब्द (उपकार से नूतन तक)

अनेकार्थी शब्द (काल से कल तक)

श्रुति सम भिन्न शब्द (परिणाम से खाना तक)

अनेक शब्दों के लिए एक शब्द (जिसके माता पिता न से वर्ष में एक बार होने वाला)

मुहावरे (काम तमाम करना से आँखों का तारा तक)

ज्ञान सुधा पाठ-6

नवंबर

द्वितीय चक्रीय परीक्षा के लिए पुनरावृत्ति

बरखा

पाठ-12 हो जाएगा

पाठ-13 इलाज (हास्य नाटिका)

व्याकरण

पाठ-11 अविकारी शब्द

पाठ-12 विराम चिह्न

ज्ञानसुधा पाठ-7

दिसंबर

बरखा

पाठ-14 नन्हा पौधा (काव्यांश)

पाठ-15 मेरी शिक्षा

व्याकरण

पत्र लेखन

गिनती 76 से 100 तक

ज्ञानसुधा पाठ-8

जनवरी

बरखा

पाठ-16 ओणम (अनुच्छेद लेखन)

व्याकरण

लिंग (हाथी से पिता तक)

वचन (चींटी से कवि तक)

पर्यायवाची शब्द (आकाश से चाँद तक)

विलोम शब्द (शुभ से सुपुत्र तक)

अनेकार्थी शब्द (कुल से सूत)

श्रुति सम भिन्नार्थक शब्द (सूत से अलि तक)

अनेक शब्दों के लिए एक शब्द (मीठा बोलने वाला से जो मांस खाने वाला तक)

मुहावरे (अगर मगर करना से गोलमाल करना तक)

ज्ञान सुधा पाठ- 9,10

फरवरी

बरखा

पाठ-17 पिता का पत्र पुत्री के नाम

पाठ-18 उपग्रह (पठित गद्यांश)

ज्ञानसुधा पाठ- 11, 12

मार्च

वार्षिक परीक्षा के लिए पुनरावृत्ति

प्रथम चक्रीय परीक्षा पाठ्यक्रम

बरखा

पाठ-1 मेरा देश (काव्यांश)

पाठ 2 अभ्यास का महत्त्व

पाठ 3 स्वार्थी दानव (पठित गद्यांश)

व्याकरण

पाठ-1 भाषा और व्याकरण

पाठ-2 वर्ण विचार

गिनती 1 से 25 तक, अपठित गद्यांश

पाठ-13 पर्यायवाची शब्द (पक्षी से वस्त्र तक)

- विलोम शब्द (धर्म से गुण तक)
- अनेकार्थी शब्द (हार से फल तक)
- श्रुति सम भिन्नार्थक शब्द (दिन से ग्रह तक)
- अनेक शब्दों के लिए एक शब्द (सुनने वाला से जो छोटा भाई हो तक)

पाठ-14 मुहावरे (अक्ल का दुश्मन से मुँह छिपाना तक)

मध्य वार्षिक परीक्षा पाठ्यक्रम

बरखा

पाठ-4 मणिपुर (अनुच्छेद लेखन)

पाठ-5 समय बहुत ही मूल्यवान है (कविता)

पाठ-7 चतुर चित्रकार (काव्यांश)

पाठ-9 तंत्रमंत्र

व्याकरण

पाठ-3 शब्द रचना

पाठ-4 वाक्य

पाठ-5 संज्ञा

पाठ-7 सर्वनाम

पाठ-6 लिंग (बंदर से चोर तक)

वचन (तकिया से खिलौना तक)

पाठ-13 पर्यायवाची शब्द (वायु से शरीर तक)

विलोम शब्द (स्वामी से स्वस्थ तक)

अनेकार्थी शब्द (भाग से अंक तक)

श्रुति सम भिन्नार्थक शब्द (अन्न से समान तक)

अनेक शब्दों के लिए एक शब्द (जो विद्यालय में पढ़ता हो से जो बड़ा भाई हो)

पाठ-14 मुहावरे (नाक में दम करना से नमक मिर्च लगाना तक)

चित्र वर्णन, पठित गद्यांश, अपठित गद्यांश

गिनती 26-50 तक

द्वितीय चक्रीय परीक्षा पाठ्यक्रम

पाठ-11 नीतिवचन (काव्यांश)

पाठ-10 नया मसीहा

पाठ-12 हो जाएगा समय के महत्व पर (अनुच्छेद लेखन)

पाठ-8 विशेषण

पाठ-9 क्रिया

गिनती 51 से 75 तक

लिंग (हलवाई से मेहतर तक)

वचन (सेना से अध्यापिका तक)

पर्यायवाची शब्द (पृथ्वी से किनारा तक)

विलोम शब्द (उपकार से नूतन तक)

अनेकार्थी शब्द (काल से कल तक)

श्रुति सम भिन्न शब्द (परिणाम से खाना तक)

अनेक शब्दों के लिए एक शब्द (जिसके माता पिता न से वर्ष में एक बार होने वाला)

मुहावरे (काम तमाम करना से आँखों का तारा तक)

अपठित गद्यांश , अनुच्छेद लेखन

वार्षिक परीक्षा पाठ्यक्रम

बरखा

पाठ-14 नन्हा पौधा (काव्यांश)

पाठ-15 मेरी शिक्षा

पाठ-16 ओणम (अनुच्छेद लेखन)

पाठ-17 पिता का पत्र पुत्री के नाम

पाठ-18 उपग्रह (पठित गद्यांश)

व्याकरण

पाठ-9 क्रिया

पाठ-10 काल

लिंग (हाथी से पिता तक)

वचन (चींटी से कवि तक)

पर्यायवाची शब्द (आकाश से चाँद तक)

विलोम शब्द (शुभ से सुपुत्र तक)

अनेकार्थी शब्द (कुल से सूत)

श्रुति सम भिन्नार्थक शब्द (सूत से अलि तक)

अनेक शब्दों के लिए एक शब्द (मीठा बोलने वाला से जो मांस खाने वाला तक)

मुहावरे (अगर मगर करना से गोलमाल करना तक)

पत्र लेखन , अपठित गद्यांश

गिनती 76 से 100 तक

SUBJECT – MATHEMATICS

LEARNING OUTCOMES

Teaching and learning mathematics aims 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 by tpack Education
- Mental Maths by tpack Education

APRIL

CHAPTER- 1 Large Numbers

Subtopics:

- Large Numbers
- Numbers beyond 9,99,999
- Reading and Writing 7-,8, and 9-Digit Numbers
- Indian Place Value Chart
- Place Value and Face Value
- Expanded Form and Short Form
- Successor and Predecessor
- Comparison of Numbers
- Ordering of Numbers
- Formation of the Greatest and the Smallest Number using given Digits

- International System of Numeration
- Reading and Writing 7-,8, and 9-Digit Numbers
- Relationship between Indian and International Place Value System
- Rounding off Numbers
- Roman Numerals
- Large Roman Numerals

MENTAL MATHS – Exercise 1-13

MAY

CHAPTER – 2 Operations on Large Numbers

Subtopics:

- Addition of Large Numbers
- Properties of Addition
- Subtraction of Large Numbers
- Checking Subtraction
- Properties of Subtraction
- Multiplication of Large Numbers
- Properties of Multiplication
- Multiplication by multiplier ending with Zero
- Lattice Multiplication
- Division of Large Numbers
- Division by 10,100 and 1,000
- Properties of Division

MENTAL MATHS – Exercise 14-25

CHAPTER – 6 Simplification

Subtopics:

- Order of Operations
- Brackets

MENTAL MATHS – Exercise 26

JULY

CHAPTER – 3 Factors and Multiples

Subtopics:

- Factors
- Multiples
- Tests of Divisibility
- Different Types Of Numbers
- Prime Factorisation
- Highest Common Factor (HCF)
- Least Common Multiple (LCM)
- Relationship between HCF and LCM
- Word Problems

MENTAL MATHS – Exercise 27-33

CHAPTER – 8 Average

Subtopics:

- Average

MENTAL MATHS – Exercise 60

CHAPTER – 13 Patterns

Subtopics:

- Patterns
- Patterns in Numbers
- Patterns in addition of Consecutive Numbers
- Patterns in Multiplication
- Multiplication Pyramid
- Patterns in division

- Coding and decoding

MENTAL MATHS- Exercise 57

AUGUST

CHAPTER – 4 Fractions

Subtopics:

- Fractions
- Types of fractions
- Fractions in the simplest form
- Comparison and Ordering of fractions
- Addition and Subtraction of Fractions
- Word Problems
- Multiplication of fractions
- Multiplication of fractions by a whole number
- Multiplication of Fractions by another fraction
- Finding fraction of a given number
- Properties of Multiplication of Fractions
- Word Problems on Multiplication of fractions
- Division of fractions
- Facts to be remembered about Reciprocals
- Division of Fractions by another fraction
- Division of a fraction by a whole number
- Division of a whole number by a fraction
- Word Problems on the division of fractions

MENTAL MATHS – Exercises 34-42

SEPTEMBER

Revisions For Mid Term Exams

OCTOBER

CHAPTER – 5 Decimal

Subtopics:

- Decimals
- Place Value of Decimals
- Expanded Form of Decimals
- Like and Unlike Decimals
- Converting Fractions into Decimals
- Converting Decimals into Fractions
- Addition and Subtraction of Decimal Numbers
- Multiplication of Decimals
- Multiplication by 10,100, and 1,000
- Multiplication of Decimal by another decimal
- Division of a decimal by a whole number
- Division by 10,100 and 1000
- Division of a decimal by a decimal
- Division of a whole number by decimal
- Word Problems

MENTAL MATHS – Exercise 43 - 52

NOVEMBER

CHAPTER – 7 Money

Subtopics:

- Conversion of Rupees into paise
- Conversion of Paise into Rupees
- Addition of Money
- Subtraction of Money
- Multiplication of Money
- Division of Money

- Bills

MENTAL MATHS – Exercises 75

CHAPTER – 15 Data Handling

Subtopics:

- Data
- Recording and Organisation of Data
- Tally Chart
- Frequency
- Bar graphs
- Circle graph/Pie Chart

MENTAL MATHS – Exercises 77 -78

DECEMBER

CHAPTER – 9 Percentage, Profit and Loss

Subtopics:

- Percentage
- Conversion
- Applications of Percentage
- Profit and Loss

MENTAL MATHS – Exercises 66 -72

CHAPTER – 11 Basic Geometrical Shapes

Subtopics:

- Plane
- Point
- Line segment
- Line
- Ray

- Difference between a line segment, a line and a ray
- Measuring line segments of given length
- Drawing a line segment
- Collinear and non-collinear points
- Angles
- Bisecting an angle
- Intersecting Lines
- Parallel Lines
- Perpendicular Lines
- Circles
- A pair of compasses

MENTAL MATHS – Exercise 53 -57

JANUARY

CHAPTER – 10 Measurements

Subtopics:

- Measurement of length
- Addition and subtraction involving length measures
- Multiplication and division involving length measures
- Measurement of Mass
- Addition and subtraction involving Mass measures
- Multiplication and division involving Mass measures
- Measurement of Capacity
- Addition and Subtraction involving capacity measures
- Multiplication and division involving capacity measures
- Temperature
- Clinical Thermometer

MENTAL MATHS – Exercises 58 -59

CHAPTER – 12 Triangles

Subtopics:

- Concept of a Triangle
- Various types of Triangle
- Angle Sum Property of a Triangle

FEBRUARY

CHAPTER – 14 Perimeter, Area and Volume

Subtopics:

- Perimeter
- Perimeter by using formula
- Finding length and breadth when area is given
- Mixed sums
- Area of irregular shapes
- Volume

MENTAL MATHS – Exercises 63 -65

MARCH

FINAL TERM EXAMS

EXAMWISE SYLLABUS BREAKUP

PERIODIC TEST-1

Chapter 1: Large Numbers

Chapter 2: Operations on Large Numbers

Chapter 6 : Simplification

MID TERM

Chapter 3: Factors and Multiples

Chapter 4: Fractions

Chapter 13: Patterns

Chapter 8 : Average

PERIODIC TEST -2

Chapter 5: Decimals

Chapter 7: Money

Chapter 15: Data Handling

FINAL TERM

Chapter 9: Percentage, Profit and Loss

Chapter 10 : Measurements

Chapter 11: Basic Geometrical Shapes

Chapter 14: Perimeter, Area and Volume

SCIENCE (2024-2025)

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.

OBJECTIVES

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 toward scientific research.
- Work independently and cooperatively in solving scientific problems.

Textbook: - Millennium's Science for Juniors 5

Author:- Anisha Talwar

Published by Millennium Booksource Pvt.Ltd

E Link of Book <https://millenniumbooksource.com/ebook/191269/>

Month-wise break-up of Syllabus:

APRIL

LESSON-2 ANIMALS AND THEIR LIFESTYLE

Habitat or surrounding of an animal.

Breathing and feeding habits in different animals.

Movement in different animals—terrestrial, aquatic, aerial animals.
Migration and hibernation in animals

MAY

LESSON- 9. AIR AND WATER

Atmosphere and its layers.

Composition and characteristics of air.

Uses of air.

Water—a universal solvent.

Removing insoluble impurities and soluble impurities from water.

Purification of water at home and at water works.

JULY

LESSON -1 REPRODUCTION IN PLANTS

What is a seed?

Parts of a seed, dicot and monocot seeds, germination of seeds, dispersal of seeds.

Vegetative Propagation.

Crops—Rabi crop and kharif crop, crop production—ploughing, sowing, adding fertilizers, irrigation,

Harvesting, storing and transportation

ACTIVITY - Sorting and collecting dicot and monocot seeds, germination of seeds/ vegetative propagation of money plant

LESSON-5 FOOD AND HEALTH

Why do we need food?

Balanced Diet.

Necessity of balanced diet physical exercise and rest

Non communicable diseases or deficiency diseases.

Diseases causing micro organisms and their carriers, prevention of diseases, vaccination.

Activity: vaccine chart

August

LESSON-14 FORCE, ENERGY AND SIMPLE MACHINES

Force --effects and types of force.

Work and energy.

MACHINES-lever, inclined plane, pulley, wheel and axle, screw and wedge.

SEPTEMBER

REVISION FOR MID TERM

OCTOBER

LESSON-3 HUMAN BODY - BONES AND MUSCLES

What are bones?

The human skeleton—the skull, the spine, the rib cage, the limbs.

Joints—the immovable joints,

The movable joints—the hinge joint, the ball and socket joint, the pivot joint, the gliding joint,

Muscles—skeletal muscles, smooth muscles and cardiac muscles.

Activity: Lab visit to study the human skeleton

LESSON-13 STATES OF MATTER

What is matter made up of?

Elements and compounds.

Three states of matter.

Change in state of matter.

Physical and chemical changes,

Solubility of solids liquids and gases in water

NOVEMBER

LESSON-4 NERVOUS SYSTEM

Organs of nervous system—the brain, the spinal cord and nerves.

Reflex actions,

Sense organs and nervous system.

How does brain help us to see?

How do the ears work?

How does the brain help to smell?

How do we taste different flavors?

What is the skin for?

DECEMBER

LESSON-8 SAVING OUR ENVIRONMENT

What is Pollution?

Kinds of pollution.

Air pollution—, acid rain, green house effect, global warming,

Water pollution, soil pollution, noise pollution.

Ways to save environment.

JANUARY

LESSON-15 THE MOON

Natural satellite of the earth- the moon.
Life on the moon, landing on the moon.
Phases of the moon and tides,
Eclipses—Solar Eclipse and lunar eclipse
Artificial satellites-uses of artificial satellites.

FEBRUARY REVISION

EXAM WISE SYLLABUS BREAKUP

PERIODIC TEST-I

LESSON—2 ANIMALS AND THEIR LIFE STYLE
LESSON -9 AIR AND WATER

MID TERM EXAM

LESSON—1 REPRODUCTION IN PLANTS
LESSON—5 FOOD AND HEALTH
LESSON-14 FORCE ENERGY AND SIMPLE MACHINE

PERIODIC TEST-II

LESSON -3 HUMAN BODY- BONES AND MUSCLES
LESSON -13 STATES OF MATTER

FINAL TERM EXAM

LESSON-4 NERVOUS SYSTEM
LESSON-8 SAVING OUR ENVIRONMENT
LESSON—15 THE MOON

SOCIAL STUDIES

BOOK MY BIG BOOK OF SOCIAL STUDIES

PUBLISHER RATNA SAGAR PRAKASHAN

Objectives

The objectives of teaching social studies at the primary stages are

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

MONTHWISE SYLLABUS BREAKUP

TERM I

APRIL

Lesson -1 Know Your Planets

Shape of Earth, Globe, Maps, Types of Maps, Reading Maps, Directions, Scale, Symbols, Colours

Lesson – 2 Parallels and Meridians

Parallels, Important features of Parallels, Important Parallels, Meridians, Important features of Meridians, How are meridians and parallels numbered? Locating places on the globe.

Lesson – 9 The Treeless Grasslands

Location, The Prairies -Land, Climate, Vegetation, Wildlife, Economic Activities, Life of the people, Map-Work

May

(Revision for Periodic Test I L- 1,2,9)

Lesson – 3 Movements of the Earth

Rotation – Days and Nights, Revolution – Seasons

Lesson – 4 Major Landforms

Mountains, Plateaus, Plains, Deserts, Rivers, Importance of these landforms

July

Lesson-5 Weather and Climate

Weather, Climate, What Influence Climate- Altitude, Latitude, Distance from the Sea, winds, Ocean Currents, Humidity, Heat Zones

Lesson - 6 The Land of Dense Forests

Democratic Republic of the Congo - Location, Land, Climate, Vegetation, Wildlife, Economic Resources, Life of The People, Transport, Cities Map work

August

Lesson-11 E for Environment (Internal Assessment)

Types of Waste, Waste Management – Landfills, Open Dumping, Burning, Composting, The three Rs, Waste management at home

Lesson - 17 Transport and Communication

Transport – Need for transport, Roadways, Railways, Airways, Waterways

Communication – Postal service, Telephone, Intercom, Fax, Internet, Email, Radio, Newspapers and magazines, Television, Cinema

September

Revision for Mid Term..... L-3,4,5,6,17 +Map work of L-9

TERM II

Lesson – 7 The Land of Snow

Greenland- Location, Land, Climate, Vegetation, Wildlife, Life, Life of The People, Occupation

Lesson -18 Governing Ourselves

Central Government – Lok Sabha, Rajya Sabha, President, Forming the Government ,State Government, The Judiciary

October

Lesson -19 The United Nations

Formation of the UN, Objectives of the UN, Organs of the UN - General Assembly, Security Council, Economic and Social Council, Secretariat, International Court of Justice, Trusteeship Council, Agencies of the UN, Achievements of the UN, India and the UN

Lesson -8 The Land of Sand

Saudi Arabia - Location, Land, Climate, Vegetation, Wildlife, Economic activities, Life of The People, Bedouins, Cities

November

Lesson -10 Environmental Pollution (INTERNAL ASSESSMENT)

Air Pollution, Water Pollution, Land or Soil Pollution, Noise Pollution, Causes of Pollution

Lesson 12 Natural Disasters

Floods, Droughts, Earthquakes, Cyclones

December

(Revision for Periodic Test II..... L- 7,18,19)

Lesson – 14 The World from 1914 to 1915

The First World War, The Inter-War Years, The Second World War

Lesson -15 Towards Freedom

Introduction, Discontent Among Indians, Revolt Against the British, After the Revolt, Social and Religious Reformers, Rise of Nationalism

January

Lesson 16 India wins Freedom

Introduction, Partition of Bengal, Swadeshi and Boycott, The Revolutionaries, Gandhiji leads the nation, Jallianwala Bagh Massacre, Non-Cooperation Movement, Simon Commission, Civil Disobedience Movement, Quit India Movement, Indian National Army, India becomes free, Independent India

February

Lesson -13 Let Us Meet (Internal Assessment)

Scientists – Marie Curie, Sureshtra; Social Reformers – Martin Luther King, Jr., Savitribai Phule; Authors – Jane Austen, Rabindranath Tagore; Statesmen – Abraham Lincoln, Sarvepalli Radhakrishnan; Sportspersons – Dhyan Chand, Sir Donald George Bradman

Revision for Final Term..... L- 8,12,14,15,16+Map work of L-8

March

ANNUAL EXAMS

EXAMWISE SYLLABUS BREAKUP

PERIODIC TEST – I

Lesson -1 Know Your Planets

Lesson – 2 Parallels and Meridians

Lesson – 9 The Treeless Grasslands

MID TERM EXAM

Lesson – 3 Movements of the Earth

Lesson – 4 Major Landforms

Lesson-5 Weather and Climate

Lesson - 6 The Land of Dense Forests

Lesson - 17 Transport and Communication

Map Work: Democratic Republic of the Congo and its neighbouring countries

PERIODIC TEST – II

Lesson – 7 The Land of Snow

Lesson -18 Governing Ourselves

Lesson -19 The United Nations

FINAL TERM EXAM

Lesson -8 The Land of Sand

Lesson 12 Natural Disasters

Lesson – 14 The World from 1914 to 1915

Lesson -15 Towards Freedom

Lesson 16 India wins Freedom

Map Work: Saudi Arabia and its neighbouring countries.

COMPUTER SCIENCE

Learning outcomes

- Create interactive stories, games, and animations using Scratch programming.
- Create and format basic spreadsheets using Microsoft Excel.
- Create and format word documents using Microsoft Word advanced features.
- Design presentations using Microsoft Powerpoint.
- Navigate and manage the Windows 10 operating system effectively.
- Demonstrate understanding of internet terminologies and safe internet usage.
- Develop problem-solving skills through programming and data analysis tasks.

Text Book: TRACKPAD Windows 10 with Office 2016 ver 2.0 Publisher: Orange Education Pvt Ltd.

APRIL

Lesson 1: Windows 10: Advanced Features

Subtopics:

- File Explorer
- Components of File Explorer
- Viewing Files and Folders
- Color settings in Windows 10
- Setting a Theme
- Control Panel
- Disk Cleanup

MAY

Lesson 2: Word 2016 : Advanced Features

Subtopics:

- Changing the Font Style and Size
- Highlighting the text
- Adding Bullets and Numbering to text

- Aligning the text
- Line Spacing
- Column Formatting
- Finding and Replacing the text

PRACTICAL: MS WORD

JULY

Lesson 3: Formatting in PowerPoint

Subtopics:

- Using Templates
- Modifying Background
- Inserting Shapes
- Applying WordArt
- PRACTICAL: MS POWERPOINT

AUGUST

Lesson 4: Animation and Transition in PowerPoint

Subtopics:

- Inserting Audio and Video files
- Inserting SmartArt
- Animation
- Transition
- PRACTICAL: MS POWERPOINT

Lesson 5: EXCEL 2016 – An Introduction Subtopic:

- Microsoft Excel 2016
- Uses of Excel
- Starting Excel
- Components of Excel 2016 Window
- Creating a New Workbook
- PRACTICAL: MS EXCEL

SEPTEMBER

Lesson 5: EXCEL 2016 – An Introduction -Contd..

Subtopic:

- Entering Data in the Worksheet
- Working with Worksheet
- Saving a Workbook
- Opening a Workbook
- Closing a Workbook
- Exiting Excel
- PRACTICAL: MS EXCEL REVISION FOR MID TERM EXAM

MID TERM EXAM SYLLABUS

Lesson 1: Windows 10: Advanced Features Lesson 2: Word 2016: Advanced Features Lesson 4: Animation and Transition in PowerPoint

OCTOBER

Lesson 6: Editing the data in EXCEL 2016

Subtopic:

- Selecting a range of cells
- Editing cell contents
- Undo and Redo Commands
- Deleting cell contents
- Deleting Cells, Rows or Columns
- Inserting Cells, Rows or Columns
- Copying the Data
- Moving the Data
- Autofill
- Changing the Column Width and Row Height
- PRACTICAL: MS EXCEL

NOVEMBER

Lesson 7: More on SCRATCH

Subtopic:

- Variables in SCRATCH
- Controlling the movement of a Sprite
- Sensing Block
- Project : Chase the Starfish
- PRACTICAL: SCRATCH

DECEMBER

Lesson 8: Creating Game in SCRATCH

Subtopic:

- Adding a Backdrop to the Game
- Adding Text to the Game
- Create a Sprite for the Game
- Adding one more Sprite
- Code the wheel Sprite
- Code the Arrow Sprite
- PRACTICAL: SCRATCH

Lesson 9: Computer Malware

Subtopic:

- Malware
- Virus
- Worms
- Trojan Horse
- Ransomware

JANUARY

Lesson 9: Computer Malware

Subtopic:

- How can we protect our computers?
- Antivirus Softwares

Lesson 10: Internet and E-Mail

Subtopic:

- What is Email?
- Email Address
- PRACTICAL: SCRATCH

FEBRUARY

Lesson 10: Internet and E-Mail.

Subtopic:

- Creating an Email Account
- Components of Email Window
- Using an E-Mail Account
- Signing into an E-Mail
- Attaching Files to E-Mail
- Signing Out
- PRACTICAL: E-MAIL

Lesson 11: Evolution of Artificial Intelligence Subtopic:

- Artificial Intelligence
- Evolution of AI
- From 2010 to Present

FINAL TERM EXAM SYLLABUS

Lesson 6: Editing the data in EXCEL 2016 Lesson 7: More on SCRATCH
Lesson 9: Computer Malware Lesson 10: Internet and E-Mail

GENERAL KNOWLEDGE

TEXTBOOK- GAIN THE KNOWLEDGE

PUBLISHER- AARYAN PUBLICATIONS

TERM I

Unit-I Life Skills

1. Responsible Citizen
2. Caring for All
3. Healthy habits of Life
4. Yoga
5. Library Etiquette
6. E-mail Etiquette
7. Communicating with Gestures

Unit-II Nature

8. Strange Animals
9. Protective Gears
10. Nocturnal Animals
11. Natural Habitats
12. Strange Birds
13. Unique Plants and Trees
14. Cash Crops

Model Test Paper-1

Unit-III My Country and the World

15. Nicknames
16. Eminent Personalities of India
17. Research Centre
18. Indian Armed Forces
19. Traditional Painting
20. Indian Women Freedom Fighters

21. Valley projects of India
22. Explorers
23. Famous Personalities of the World
24. Famous Dances of the World
25. Environmental Activists
26. Business Leaders
27. World's Largest
28. Extreme Airports of the World
29. Metro System

CURRENT AFFAIRS

TERM II

Unit-IV Sports and Entertainment

30. Known the Sports
31. Exciting Sports
32. Football Club
33. Famous Chess Players of the World
34. Tokyo 2020 Olympics
35. Olympian Countries
36. International Sports Events
37. Rags to Riches
38. Padma Shri Awards 2023
39. When the Plot Gets Thicker
40. Inspirational Movies

Model Test Paper-2

Unit-V Science and Technology

41. Logos
42. Great Scientists

- 43. Laboratory Equipments
- 44. Important Documents that we need
- 45. Deficiency Diseases
- 46. The Life Beyond Earth

Unit-VI Language and Literature

- 47. Parts of Speech
- 48. Onomatopoeia
- 49. Idioms
- 50. Proverbs
- 51. One Word Substitution
- 52. Vocabulary
- 53. Authors and Their Books

Unit-VII Logical Reasoning

- 54. Think and Tell
- 55. Brain Booster
- 56. Mind Boggler
- 57. Verbal Reasoning
- 58. 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.**

Month	SBA book activity
April	Pg 9,11- 12, 13, 23
May	Pg 5- 6, 13, 14,15
July	Pg 3, 4, 7- 8
August	Pg 16, 18,19- 20, 17
September	Pg 21(<i>h.w</i>), 22-23, 24, 25 (<i>h.w</i>), 28, 29
October	Pg 30, 26, 32, 33, 36, 26-27 (<i>h.w</i>) give demo of <i>spray painting</i>.
November	Pg 34- 35, 37, 38, 39
December	Ph 40, 41,42, 43, 44
January	Pg 34- 35, 46, 47, 45 (<i>h.w</i>)
February	Pg 48, 49, 50
March	Pg 10, 31, Checking and grading of SBA book.