

MAHARAJA AGRASEN MODEL SCHOOL
MONTHLY SYLLABUS PLAN
SESSION: 2025-2026
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 Eclectic 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
Subject Verb Agreement
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**-Wh - questions
- Prepositions
- 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**- Punctuation
- Adverbs
- Present Perfect Simple/ Past Simple
Vocabulary (Synonyms and Antonyms)
- **Comprehension**- Unseen Passage/Poem
- **Treasure Trove** : The Heavy Price

September

- Revisions for Mid Term Exams
- **Grammar**-
Connecting Words
Interjections
Vocabulary (Phrasal verbs)
- **Writing Skill**- Diary Writing
- **Treasure Trove** : Gabriel the Good

October

- **Literature** - L-1 My Secret Garden
Poem: The Champa Flower

- **Grammar-** •Past Simple/ Past Continuous
- Present Perfect Continuous
- **Treasure Trove :** The Crab that Got Away

November

- **Literature** - L -5 Luke's new friend
- **Grammar-** •Modals , Semi modals
- **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
Passive (All tenses)
- **Writing Skill-** Letter Writing
- **Treasure Trove :** Tom Sawyer- The Remedy

January

- **Literature-** L -6 King Solomon's Mines
- **Grammar-** •Relative Pronouns
- Reflexive Pronouns
- **Treasure Trove :** The Time Machine

February

- **Literature-** L- 2 Gulliver's Travels
- **Grammar-** Indirect Speech
- Future
- Past Perfect Simple/ Past Simple
- **Treasure Trove :** Jingles for Aroma

March

- Revisions for final term exam
- **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
Subject Verb Agreement
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**-Wh - questions
- Prepositions
- Present Simple/ Present Continuous Tense
- Adverbs
- Vocabulary (Synonyms and Antonyms)
- **Writing skills** : Descriptive Paragraph Writing
- **Comprehension**- Unseen Passage/Poem

Periodic Test-II

- **Literature** - L-1 My Secret Garden

Poem: The Champa Flower

- **Grammar-** Interjections
- Connecting Words
- Vocabulary (Phrasal verbs)
- Past Simple/ Past Continuous
- **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-** Reflexive Pronouns
 - Relative Pronouns
 - Modals, Semi-modals
 - Tag questions
 - Passive (All tenses)
-
- **Writing Skill** - Letter Writing
 - **Comprehension-** Unseen Passage/Poem

हिंदी

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।

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|----------------------|---------------------|
| • पाठ्यपुस्तक | प्रकाशक |
| • बरखा भाग 5 | गीता पब्लिशिंग हाउस |
| • ज्ञानसुधा | पीताम्बर |
| • सुगम हिंदी व्याकरण | कोरोडोवा |

अप्रैल

बरखा

- पाठ-1 मेरा देश (काव्यांश)
- पाठ 2 अभ्यास का महत्त्व
- पाठ 3 स्वार्थी दानव (पठित गद्यांश)
- व्याकरण
 - पाठ-1 भाषा और व्याकरण
 - गिनती 1 से 25 तक
 - पाठ-6 लिंग (प्रिय से पुत्र तक)
 - वचन (पुस्तक से पेंसिल तक)
 - पाठ- 13 पर्यायवाची शब्द (पक्षी से पृथ्वी तक)
 - विलोम शब्द (धर्म से गुण तक)
 - अनेकार्थी शब्द (हार से फल तक)
 - श्रुति समभिन्नार्थक शब्द (दिन से ग्रह तक)
 - अनेक शब्दों के लिए एक शब्द (सुनने वाला से जो आदर के योग्य हो)
 - पाठ-14 मुहावरे (अकल का दुश्मन से मुँह छिपाना तक)

- अपठित गद्यांश

मई

बरखा

- पाठ-4 मणिपुर (अनुच्छेद लेखन)

व्याकरण

- पाठ-2 वर्ण विचार

ज्ञान सुधा

- पाठ-1,2

प्रथम चक्रीय परीक्षा के लिए पुनरावृत्ति

जुलाई

बरखा

- पाठ-5 समय बहुत ही मूल्यवान है (कविता) (काव्यांश)
- मैं आगे बढ़ता जाऊँ (कविता)
- पाठ- 6 दानवीर कर्ण (SEA)
- पाठ-7 विशेष पुरस्कार

व्याकरण

- पाठ-3 शब्द रचना
- पाठ-4 वाक्य
- पाठ-5 संज्ञा

ज्ञान सुधा

- पाठ-3

अगस्त

बरखा

- पाठ-8 चतुर चित्रकार (काव्यांश)
- पाठ-9 तंत्रमंत्र (पठित गद्यांश)

व्याकरण

- पाठ-7 सर्वनाम
- पाठ-6 लिंग (बंदर से मोर तक)
- वचन (तकिया से खिलौना तक)
- पाठ-13 पर्यायवाची शब्द (बगीचे से गंगा तक)
- विलोम शब्द (प्रेम से स्वस्थ तक)
- अनेकार्थी शब्द (भाग से अंक तक)
- श्रुतिसमभिन्नार्थक शब्द (ग्रह से सूत तक)
- अनेक शब्दों के लिए एक शब्द (जो बड़ा भाई हो से अत्याचार करने वाला तक)
- पाठ-14 मुहावरे (नाक में दम करना से काम तमाम करना तक)

ज्ञान सुधा

- पाठ-4

सितंबर

- गिनती 26 से 50 तक

मध्य वार्षिक परीक्षा के लिए पुनरावृत्ति

बरखा

- पाठ-10 नया मसीहा

व्याकरण

- पाठ-8 विशेषण

ज्ञान सुधा

- 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 धेनु तक)
- पर्यायवाची शब्द (देवता से किनारा तक)
- विलोम शब्द (उपकार से नूतन तक)
- अनेकार्थी शब्द (काल से कल तक)
- श्रुति सम भिन्न शब्द (उपर्युक्त से समान तक)
- अनेक शब्दों के लिए एक शब्द (प्रतिदिन होने वाला से मीठा बोलने वाला तक)
- 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 (अनुच्छेद लेखन)
- पाठ-13 इलाज (हास्य नाटिका) (SEA)

व्याकरण

- पाठ-11 अविकारी शब्द (क्रिया विशेषण तक)
- पाठ-12 विराम चिह्न

ज्ञान सुधा

- पाठ-7

दिसंबर

बरखा

- पाठ-14 नन्हा पौधा (काव्यांश)
- पाठ-15 मेरी शिक्षा

व्याकरण

- पत्र लेखन
- गिनती 76 से 100 तक

ज्ञान सुधा

- पाठ-8

जनवरी

बरखा

- पाठ-16 ओणम (पठित गद्यांश)

व्याकरण

- लिंग (हाथी से पिता तक)
- वचन (चींटी से कवि तक)
- पर्यायवाची शब्द (आकाश से चाँद तक)
- विलोम शब्द (शुभ से अनुज तक)
- अनेकार्थी शब्द (कुल से सूत)
- श्रुति समभिन्नार्थक शब्द (परिमाण से श्याम तक)
- अनेक शब्दों के लिए एक शब्द (कड़वा बोलने वाला से जो शाक सब्जी खाता हो 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 (पठन-पाठन)

ज्ञान सुधा

- पाठ- 11, 12

मार्च

वार्षिक परीक्षा के लिए पुनरावृत्ति

प्रथम चक्रीय परीक्षा पाठ्यक्रम

बरखा

- पाठ-1 मेरा देश (काव्यांश)
- पाठ 2 अभ्यास का महत्व
- पाठ 3 स्वार्थी दानव (पठित गद्यांश)

व्याकरण

- पाठ-1 भाषा और व्याकरण
- पाठ-6 लिंग (प्रिय से पुत्र तक)
- वचन (पुस्तक से पेंसिल तक)
- पाठ-13 पर्यायवाची शब्द (पक्षी से पृथ्वी तक)
- विलोम शब्द (धर्म से गुण तक)
- अनेकार्थी शब्द (हार से फल तक)
- श्रुतिसमभिन्नार्थक शब्द (दिन से ग्रह तक)
- अनेक शब्दों के लिए एक शब्द (सुनने वाला से जो छोटा भाई हो तक)
- पाठ-14 मुहावरे (अकल का दुश्मन से मुँह छिपाना तक)
- गिनती 1 से 25 तक, अपठित गद्यांश

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-2 वर्ण विचार
- पाठ-3 शब्द रचना

- पाठ-4 वाक्य
- पाठ-5 संज्ञा
- पाठ-7 सर्वनाम
- पाठ- 6 लिंग (बंदर से मोर तक)
- वचन (तकिया से खिलौना तक)
- पाठ-13 पर्यायवाची शब्द (बगीचे से गंगा तक)
- विलोम शब्द (प्रेम से स्वस्थ तक)
- अनेकार्थी शब्द (भाग से अंक तक)
- श्रुतिसमभिन्नार्थक शब्द (ग्रह से सूत तक)
- अनेक शब्दों के लिए एक शब्द (जो बड़ा भाई हो से अत्याचार करने वाला तक)
- पाठ-14 मुहावरे (नाक में दम करना से काम तमाम करना 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 धेनु तक)
- पर्यायवाची शब्द (देवता से किनारा तक)
- विलोम शब्द (उपकार से नूतन तक)
- अनेकार्थी शब्द (काल से कल तक)
- श्रुति सम भिन्न शब्द (उपर्युक्त से समान तक)
- अनेक शब्दों के लिए एक शब्द (प्रतिदिन होने वाला से मीठा बोलने 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 (पठित गद्यांश)

- 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 अनुज तक)
- अनेकार्थी शब्द (कुल से सूत)
- श्रुतिसमभिन्नार्थक शब्द (परिमाण से श्याम तक)
- अनेक शब्दों के लिए एक शब्द (कड़वा बोलने वाला से जो शाक सब्जी खाता हो तक)
- मुहावरे (अगर मगर करना से गोलमाल करना तक)
- पत्र लेखन, अपठित गद्यांश
- गिनती 76 से 100 तक

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
- Reading and Writing 7-,8, and 9-Digit Numbers
- International System of Numeration
- 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

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

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 27-33, 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

CHAPTER – 6 Simplification

Subtopics:

- Order of Operations
- Brackets

MENTAL MATHS – Exercises 26, 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

CHAPTER – 8 Average

Subtopics:

- Average

MENTAL MATHS – Exercises 60, 75

DECEMBER

CHAPTER – 9 Percentage, Profit and Loss

Subtopics:

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

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, 66-72

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

FEBRUARY

CHAPTER – 12 Triangles

Subtopics:

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

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

CHAPTER – 15 Data Handling

Subtopics:

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

MENTAL MATHS – Exercises 63 -65, 77-78

MARCH

FINAL TERM EXAMS

EXAMWISE SYLLABUS BREAKUP

PERIODIC TEST-1

Chapter 1: Large Numbers

Chapter 2: Operations on Large Numbers

MID TERM

Chapter 3: Factors and Multiples

Chapter 4: Fractions

Chapter 6 : Simplification

Chapter 13: Patterns

PERIODIC TEST -2

Chapter 5: Decimals

Chapter 7: Money

Chapter 8 : Average

FINAL TERM

Chapter 9: Percentage, Profit and Loss

Chapter 10 : Measurements

Chapter 11: Basic Geometrical Shapes

Chapter 14: Perimeter, Area and Volume

Chapter 15: Data Handling

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.

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 -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-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.

Summer vacations: Collage on terrestrial habitat

Ecosystem on Aquatic Habitat

JULY

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 caused by micro-organisms and their carriers, prevention of diseases, vaccination.

Activity: vaccine chart.

Lesson -10 Rocks and Minerals

Rocks

Types of rocks

Minerals and its types

August

LESSON-14 FORCE, ENERGY AND SIMPLE MACHINES

Force --effects and types of force.

Work and energy.

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

SEPTEMBER

REVISION FOR MID TERM EXAM

OCTOBER

LESSON-3 HUMAN BODY - BONES AND MUSCLES

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 and Sense organs.

Lesson -11 Soil Conservation

Soil
Types of soil
Conservation of soil
Effect of soil removal

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.

Winter vacations:

Activity: Living safely

Prepare a presentation /Role play on first aid in different situations

Building houses: Types of houses: Katcha house
and Pakka house (diagrams)

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—1 REPRODUCTION IN PLANTS

LESSON—2 ANIMALS AND THEIR LIFE
STYLE

MID TERM EXAM

LESSON -9 AIR AND WATER

LESSON—5 FOOD AND HEALTH

LESSON-14 FORCE ENERGY AND SIMPLE MACHINE

LESSON -10 – ROCKS and MINERALS

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

LESSON-11-SOIL CONSERVATION

SOCIAL STUDIES

BOOK ACTIVE SOCIAL SCIENCE

PUBLISHER FOCUS LEARNING

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 member 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

Lesson – 2 Parallels and Meridians

Lesson – 4 Natural Resources

May

Lesson – 3 Movements of the Earth

Lesson – 15 Keeping in Touch (INTERNAL ASSESSMENT)

Revision for Periodic Test 1..... L-1,2,4,11

July

Lesson – 6 Major Landforms

Lesson– 7 The Democratic Republic of Congo

August

Lesson – 10 The Temperate Grasslands: Prairies

Lesson – 11 Our Environment

September

Lesson - 13 Natural Disasters

Lesson – 18 We are Proud Of Them (INTERNAL ASSESSMENT)

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

Revision for Mid Term..... L-3,6,7,10,11,13 +Map work of L-7

TERM II

October

Lesson-5 Weather and Climate

Lesson-8 The Land of Ice and Snow

November

Lesson- 14 Conquering Distance.

Lesson-16 The world of Growing Knowledge

Lesson – 17 Be Healthy, Live Longer (INTERNAL ASSESSMENT)

December

Lesson - 9 The Land of Hot Sand

Lesson – 12 Environmental Pollution

(Revision for Periodic Test II..... L- 5,8,14,16)

January

Lesson - 19 Towards Freedom

Lesson – 20 India wins Freedom

February

Lesson – 21 Governing Ourselves

Lesson – 22 The United Nations (INTERNAL ASSESSMENT)

Map Work: Saudi Arabia and its neighbouring countries.

Revision for Final Term..... L- 9,12,19,20,21+Map work of L-9

March

ANNUAL EXAMS

EXAMWISE SYLLABUS BREAKUP

PERIODIC TEST – I

Lesson -1 Know Your Planets

Lesson – 2 Parallels and Meridians

Lesson – 4 Natural Resources

Lesson – 15 Keeping in Touch (INTERNAL ASSESSMENT)

MID TERM EXAM

Lesson – 3 Movements of the Earth

Lesson – 6 Major Landforms

Lesson – 7 Democratic Republic of the Congo

Lesson – 10 The Temperate Grasslands: Prairies

Lesson – 11 Our Environment

Lesson - 13 Natural Disasters

Lesson – 18 We are Proud Of Them (INTERNAL ASSESSMENT)

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

PERIODIC TEST – II

Lesson-5 Weather and Climate

Lesson-8 The Land of Ice and Snow

Lesson- 14 Conquering Distances

Lesson-16 The world of Growing Knowledge

Lesson – 17 Be Healthy, Live Longer (INTERNAL ASSESSMENT)

FINAL TERM EXAM

Lesson - 9 The Land of Hot Sand

Lesson – 12 Environmental Pollution

Lesson - 19 Towards Freedom

Lesson – 20 India wins Freedom

Lesson – 21 Governing Ourselves

Lesson – 22 The United Nations (INTERNAL ASSESSMENT)

Map Work: Saudi Arabia and its neighbouring countries.

COMPUTER SCIENCE

Learning outcomes

Students will be able to:

- Understand the concept of data storage, memory, and computer capacity.
- Learn the basics of Excel 2016, including creating and saving a workbook.
- Develop skills to create and format PowerPoint presentations using built-in templates and media.
- Explore internet concepts, web browsing, and email communication.
- Understand data processing, sorting, and decoding information.
- Learn to create shapes and use advanced blocks in Scratch for game development.
- Explore AI applications, trending robots, and chatbots in real-world scenarios.

Text Book: DigiCode AI ver 2.1

Publisher: Orange Education

APRIL

Ch 1 Data Storage and Memory

- Data and Information
- Memory
- Measuring the Computer's Memory

Ch 2 Introduction to Excel 2016

- Features of Excel 2016
- Starting Excel 2016
- Components of Excel 2016 Window

MAY

Ch 2 Introduction to Excel 2016

- Types of Data
- Creating a New Workbook
- Entering Data in the Worksheet
- Saving a Workbook

Ch 3 More on PowerPoint 2016

- Using Built-in Templates
- Enhancing the Look of a Presentation
- Specifying Alignment
- Inserting Pictures
- Inserting WordArt
- Inserting Shapes
- Inserting SmartArt
- Running a Slide Show

PRACTICAL: MS Powerpoint 2016

JULY

Ch 4 Internet and E-mail

- The Internet
- World Wide Web
- How Does the Web Work?
- Using Web Browser
- Using URLs
- E-Mail
- Emoticons and Acronyms

AUGUST

Ch 6 Creating Shapes in Scratch

- Pen Block
- Drawing a Line in Scratch
- Drawing Polygons in Scratch
- Drawing a Square in Scratch
- Drawing a Rectangle in Scratch
- Drawing a Circle in Scratch

PRACTICAL - SCRATCH

SEPTEMBER

REVISION FOR MID TERM EXAM

MID TERM EXAM SYLLABUS

Ch 1 Data Storage and Memory

Ch 2 Introduction to Excel 2016

Ch 3 More on PowerPoint 2016

Ch 4 Internet and Email

Practical: MS Excel, PowerPoint

OCTOBER

Ch 5 Data Processing

- Data and Information
- Representing Information
- Sorting Data
- Decoding

Ch 7 Advanced Blocks & Game Creation

- Blocks Shapes in Scratch
- Sensing Blocks
- Variables
- Conditional Blocks
- Creating a Game

PRACTICAL: Scratch

NOVEMBER

Ch 8 AI in Popular Apps

- ChatGPT
- Microsoft Copilot
- OLA
- Uber
- Google Maps
- Swiggy
- YouTube
- Netflix

- Famous AI Apps

DECEMBER

Ch 9 Trending Robots

- T-HR3
- Sophia
- Digit
- RoboThespian
- Robear
- Nao
- Z-Machines
- Leka
- Paro
- Root
- Zenbo
- Dash & Dot

JANUARY

Ch 10 Chatbots

- What are Chatbots?
- Famous Chatbots

FEBRUARY

- REVISION FOR FINAL TERM EXAM

FINAL TERM EXAM SYLLABUS

Ch 5 Data Processing

Ch 8 AI in Popular Apps

Ch 10 Chatbots

PRACTICAL: Scratch

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. Provers
- 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

78-79

Model Test Paper-3

SKILL BASED ACTIVITY

TEXTBOOK- ART AND CRAFT

PUBLISHER- JOY BOOKS

CONTENT, CONCEPT AND DESIGN BY:DEEPYANTI CHAUDHARY

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.

TERM -1

- 1.Sun and Water
- 2.Bird
- 3.Squirrel
4. Snowy View
5. Yoga Postures
6. Chhota Bheem
7. Wood House
8. Patterned Landscape
- 17.Newspaper Art
19. Crane
20. Save Earth

21.Aquarium

22.Bunny Basket

23.Fish

24. Apple

TERM -2

9. Zebra

10. Chimpanzee

11. Triangle Journey

12. Paisley Art

13. Colourful Urn

14. Scenery

15. Tree

16. Mehndi Art

18. Camel

25. Village Scene

26. African Mask

27. Rooster

28. Flower Vase

29.Seahorse

30.Assessment

Art Syllabus

Learning Outcome:

To develop rhythm, harmony, expressions and balance through Arts and use them creatively with clear perception to see and feel the things in a different way

MONTH	ART FILE TOPIC
April	Colour Wheel
	Warm / Cool Colours
	Facial Expressions
	Art Day Practice - Garden Scene, Night Sky
May	Stick Drawing
	Origami - bird
	Under Water Scene
July	Rainy Day
	Pencil Shave Work
	Pencil Shading
	Helicopter
August	Independence Day Drawing
	Rakhi Making
	Janmashtami Drawing
	Book Mark
September	Teachers Day Card
	Birds

	Cotton Pasting
	Rangoli Design
	Dusshera Scene

MONTH	ART FILE TOPIC
October	Diwali Scene
	Poster Making - Save Water
	Fruit Basket
	Vegetable Basket
November	Landscape
	Story Drawing
	Doodle Art
	Sea Scape
December	Winter Season
	Circus Scene
	Christmas Tree Craft
	Christmas Scene
	Pattern Drawing
January	Lohri Scene
	Boy Flying Kite
	Republic Day Drawing
	Warli Art

Febuary	Birthday Cake
	Bezant Panchmi
	Farm Scene
	Madhubani