

MAHARAJA AGRASEN MODEL SCHOOL
CD BLOCK, PITAMPURA, DELHI
MONTH WISE SYLLABUS BREAK UP FOR SESSION 2017-18
CLASS –IV
SUBJECT –ENGLISH(P1)

Textbooks – 1.Reader: Celebrate
Author : Sudha Vyas, Smita Shakargaye
Publisher: Pearson Longman
2. Grammar: Cornerstone
Author: Brinda Ramesh, Andre Le Fevre
Publisher: Pearson Longman
3. Supplementary Reader: Treasure Trove
Author: Aditi Misra, Abha Malik Pasricha
Publisher: Rising Sun

General Objectives

- a) To enable the learners to communicate effectively and appropriately in real life situations.
- b) To use English effectively across the curriculum.
- c) To develop and integrate the use of four language skills i.e- listening, speaking, reading and writing.
- d) To develop interest in appreciation of literature.
- e) To revise and reinforce structures already learnt.
- f) To express ideas in clear and grammatically correct English, using appropriate vocabulary and punctuation.

OBJECTIVES OF ASSESSMENT FOR LISTENING SKILL

Enabling learners to :

- a) Understand a range of genres and contexts of spoken English including academic, personal and social aspect
- b) Understand detailed information for a purpose
- c) Understand and interpret a range of features of the given context
- d) Understand the topic and the main points and also distinguish the main points from the details

OBJECTIVES OF ASSESSMENT FOR SPEAKING SKILL

Enabling the learners to:

- a) Express and respond to personal feelings and opinions
- b) Present oral reports; narrate incidents or events
- c) Present, adopt different strategies to convey ideas according to purpose, topic and audience
- d) Take part in group discussions, elicit views of others, express and argue a point of view clearly
- e) Participate in spontaneous spoken course

April

- L-2 Friends of the Trees(Literature)
- Kinds of Nouns(Grammar)
- Articles(Grammar)

- Comprehension(Reading)
- Picture Composition (Writing)
- Subject Enrichment Activity: Dictation
- Revision
- Handwriting & Notebook/Activity Assessment
- Periodic Test 1
- Singular and Plural
- Gender
- Nouns: Possession

May

- L-9 Poem: My Dog(Literature)
- Descriptive Paragraph Writing(Writing)
- Supplementary Reader : The Elephant and the Forestry, The Boy and the Apple Tree
- Subject Enrichment Activity: Recitation L-6 Poem: Please Don't Read This Poem
- Alphabetical Order
- The Sentence
- Subject and Predicate

July

- L- 4 Helen Keller(Literature)
- Comprehension
- Narrative Paragraph Writing(Writing)
- Verbs(Grammar)
- Subject-Verb Agreement(Grammar)
- Simple Tenses(Grammar)
- Supplementary Reader :The Friendly Elves
- Subject Enrichment Activity: Poem Recitation
- Types of Sentences
- Negative Sentences
- Prefixes and Suffixes
- Holidays Homework

August

- L-3 Poem: The Pine Tree and the Reed (Literature)
- L-1 Bishal's Biscuits
- Comprehension
- Pronouns(Grammar)
- Punctuation(Grammar)
- Message Writing(Writing)
- Supplementary Reader: The Diary of Anne Frank
- Revision

September

- Revision
- Mid Term-I
- Supplementary Reader: A Wise Old Bird
- L-12 Poem: The Magnificent Machines(Literature)

- Pronouns(Grammar)
- Interrogative Sentences
- Collocation

October

- L-11 The Magic Room(Literature)
- Prepositions(Grammar)
- Continuous Tenses(Grammar)
- Participles
- Story writing(Writing)
- Comprehension
- Revision
- Periodic Test 2
- Subject Enrichment Activity: Story Narration
- Supplementary Reader: The Ugly Fairy
- Word Formation

November

- Comprehension
- Simple Future Tense (Grammar)
- Letter Writing(Writing)
- Supplementary Reader: Castles in the Air
- Subject Enrichment Activity: Story Narration
- Homophones
- Synonyms and Antonyms

December

- Conjunctions(Grammar)
- L-13 The Most Difficult Job in the World(Literature)
- Adjectives: Kinds of Adjectives and Comparison of Adjectives(Grammar)
- Comprehension
- Supplementary Reader: I Understand
- Monthly Activity: Story Narration
- Contractions
- One Word Substitution

January

- L-10 Penguins(Literature)
- L-15 Poem: The Land of Counterpane(Literature)
- Adverbs and Kinds of Adverbs(Grammar)
- Imaginative Paragraph Writing(Writing)
- Supplementary Reader: The Messenger
- Monthly Activity: Spell-a-thon
- Interjections
- Words Often Confused

February

- Continuous Tenses (Recap) (Grammar)
- Imaginative Paragraph Writing(Writing)
- Supplementary Reader: The Four Friends

- Capital Letters and Punctuation Marks
- Revision
- Subject Enrichment Activity: Spell-a-thon

EXAM-WISE SYLLABUS BREAK-UP

Periodic Test I

Comprehension	: A Jungle Story
Grammar	: Kinds Of Nouns, Articles
Writing Skill	: Picture Composition
Literature	: L-2 Friends of the Trees, L-6 Poem: Please Don't Read This Poem(Recitation)

Mid Term

Comprehension	: The Wise Crow, Alibaba
Grammar	: Verbs, Subject-Verb Agreement, Pronouns, Tenses: Simple Present and Simple Past
Writing Skill	: Picture Composition, Paragraph Writing (Narrative), Message Writing
Literature	: L-1 Bishal's Biscuits, L-4 Helen Keller, L-3 Poem: The Pine Tree and the Reed, L- 9 Poem: My Dog
Supplementary Reader:	The Boy and the Apple Tree, The Mysterious Neighbor

Periodic Test II

Comprehension	: The Lesson, Onomatopoeia
Grammar	: Tenses- Present and Past Continuous, Prepositions, Pronouns
Writing Skill	: Story Writing
Literature	: L-11 The Magic Room, L-12 Poem: Magnificent Machines

Final Term

Comprehension	: The First Tooth
Grammar	: Adjectives, Comparison of Adjectives, Types of Adverbs, Conjunctions, Tenses
Writing Skill	: Letter Writing, Story Writing, Paragraph Writing(Imaginative)
Literature	: L-13 The Most Difficult Job in the World, L-10 Penguins L-15 Poem: The Land of Counterpane
Supplementary Reader:	The Ugly Fairy, The Messenger

NOTE: L-5 Not Our Problem and L-8 Dog Detective Ranjha will be taken up for extensive reading.

ASSESSMENT OF SPEAKING AND LISTENING(ASL)

MONTH	LISTENING	SPEAKING
April and May	<ul style="list-style-type: none"> • completing sentences 	<ul style="list-style-type: none"> • expressing surprise
July	<ul style="list-style-type: none"> • completing a poem; answering questions ,value based questions 	<ul style="list-style-type: none"> • offering help • introducing oneself
August	<ul style="list-style-type: none"> • matching pictures with their descriptions 	<ul style="list-style-type: none"> • asking for and giving advice
September	<ul style="list-style-type: none"> • listening to instructions and drawing image (FA 1 Task Celebrate pg-23) 	<ul style="list-style-type: none"> • extempore
October	<ul style="list-style-type: none"> • listening to everyday conversations 	<ul style="list-style-type: none"> • expressing joy, show and tell
November	<ul style="list-style-type: none"> • listening to poem and filling in the blanks (FA 2 task Celebrate pg-57) 	<ul style="list-style-type: none"> • describing a scene
December	<ul style="list-style-type: none"> • listening to a short dialogue and understanding the central idea 	<ul style="list-style-type: none"> • asking for and giving opinions
January	<ul style="list-style-type: none"> • sequencing instructions 	<ul style="list-style-type: none"> • asking for permission
February	<ul style="list-style-type: none"> • listening to story and sequencing the statements in the correct order (FA 3 task Celebrate pg-92) 	<ul style="list-style-type: none"> • expressing happiness

विषय - हिन्दी

पाठ्यपुस्तक - बरखा भाग - 4 (गीता पब्लिशिंग हाउस)
ताना-बाना - 4 (नवनीत सिंघल, मनीष अग्रवाल)
नवीन हिंदी व्यावहारिक व्याकरण तथा रचना भाग - 4
(गोयल ब्रदर्स प्रकाशन)

शिक्षण उद्देश्य -

- मातृभाषा के ज्ञान द्वारा छात्रों को स्वतंत्र और मौखिक रूप से अभिव्यक्त करने के योग्य बनाना।
- शब्द भंडार में वृद्धि करना।
- साहित्य की विभिन्न विधाओं से परिचित कराना।
- अध्ययन की कुशलता का विकास करना।
- विद्यार्थियों की कल्पनाशीलता और सृजनात्मकता का विकास करना।

मूल्यांकन विधि -

विद्यार्थियों का पठन-पाठन, कविता, संवाद, सुलेख, कॉपी कार्य, वर्तनी, व्याकरण, गद्यांश व अनुच्छेद लेखन के आधार पर मूल्यांकन किया जाएगा।

महीना	पाठ्य पुस्तक	व्याकरण
अप्रैल तथा मई	पाठ-1 ईश्वर अल्लाह तेरे नाम	पाठ-5 लिंग (मोर से सेवक तक) पाठ-6 वचन (तोता से गाय तक)
	पाठ-2 भगवान को पत्र	पाठ-12 अशुद्धि संशोधन (प्रशाद से गनित तक)
	पाठ-3 मेघा की डायरी	पाठ-14 पर्यायवाची शब्द (ईश्वर से फूल तक)
		पाठ-15 विलोम शब्द (अंधकार से साहसी तक)
		पाठ-16 वाक्यांशबोधक (चित्र बनाने की कला से जो झूठ बोलता है तक)
		पाठ-1 भाषा और व्याकरण
		पाठ-2 वर्ण, वर्णमाला और मात्रा
		चित्र वर्णन, अपठित गद्यांश
		गिनती 1 से 20 तक
		विषय संवर्धन कार्य पाठ पठन (ताना-बाना पाठ 1,2,4,5) श्रुतलेख (ताना-बाना पाठ 3,6,7)

महीना	पाठ्य पुस्तक	व्याकरण
जुलाई	पाठ-4 वर्षा ऋतु (कविता)	पाठ-3 शब्द
	पाठ-5 नेता की दाढ़ी	पाठ-4 संज्ञा
	पाठ-6 रावण की सीख	पाठ-5 लिंग (बेटा से जेठ तक)
		पाठ-6 वचन (पुस्तक से परी तक)
अगस्त	पाठ-7 विचित्र अतिथि	पाठ-12 अशुद्धि संशोधन (अध्ययन से शक्ति तक)
		पाठ-14 पर्यायवाची शब्द (बेटा से बाग तक)
		पाठ-15 विलोम शब्द (सुंदर से अपना तक)
		पाठ-16 वाक्यांश बोधक (जो काम से जी चुराता है से जो घर रसोई के लिए है तक)
		पाठ-17 मुहावरे (दाँत खट्टे करना से पानी-पानी होना तक)
		गिनती - 21 से 40 तक
	पत्र लेखन, चित्र वर्णन, अपठित गद्यांश	
पुनरावृत्ति तथा अर्द्धवार्षिक परीक्षा		

महीना	पाठ्य पुस्तक	व्याकरण
सितम्बर	पाठ-8 अब्दुल कादिर	
	पाठ-10 चाँद का कुरता (कविता)	
अक्टूबर	पाठ-11 चींटी	पाठ-7 सर्वनाम
		पाठ-5 लिंग (देवर से सहपाठी तक)
		पाठ-6 वचन (भैंस से चिड़िया तक)

		पाठ-17 मुहावरे (नाक में दम भरना से दाँत दिखाना तक)
	विषय संवर्धन कार्य	श्रुतलेख (ताना-बाना पाठ 8,9) कहानी श्रवण / लेखन (ताना-बाना पाठ 10) अभिनय (ताना-बाना पाठ 11)
नवम्बर		पाठ-8 विशेषण पाठ-12 अशुद्धि संशोधन (छमा से परभू तक) पाठ-14 पर्यायवाची शब्द (आसमान से संग्राम तक) पाठ-15 विलोम शब्द (गुण से बनाना तक) पाठ-16 वाक्यांश बोधक (जिसकी आत्मा महान हो से जो शहर में रहता है तक) शब्द-सीढ़ी गिनती - 41 से 60 तक अपठित गद्यांश, अनुच्छेद लेखन/चित्र वर्णन

महीना	पाठ्य पुस्तक	व्याकरण
दिसम्बर	पाठ-13 मेरी अभिलाषा है (कविता)	पाठ-5 लिंग (ग्वाला से श्रीमान तक)
	पाठ-14 मनुष्य का दिमाग	पाठ-6 वचन (दीवार से बूँद तक)
	पाठ-16 विकास या विनाश	
जनवरी	पाठ-15 गणतंत्र दिवस	पाठ-9 क्रिया
		पाठ-10 क्रिया विशेषण
		पाठ-11 वाक्य
		पाठ-12 अशुद्धि संशोधन (आर्शीवाद से किरण तक)

	विषय संवर्धन कार्य	श्रुतलेख (ताना-बाना पाठ 12, 13) पाठ - पठन (ताना-बाना पाठ 14, 15)
फरवरी		पाठ-13 विराम चिह्न
		पाठ-14 पर्यायवाची शब्द (शरीर से रात तक)
		पाठ-15 विलोम शब्द (दायाँ से छोटा तक)
		पाठ-16 वाक्यांशबोधक (जो जल में रहता है से जो लायक नहीं है तक)
		पाठ-17 मुहावरे (पीठ दिखाना से मन मारना तक)
		गिनती 61 से 75 तक
		अनुच्छेद लेखन, पत्र लेखन, अपठित गद्यांश
	वार्षिक परीक्षा पाठ्यक्रम का पुनरावृत्ति कार्य	
मार्च	वार्षिक परीक्षा पाठ्यक्रम का पुनरावृत्ति कार्य	

परीक्षा	पाठ्यपुस्तक	व्याकरण
सामयिक परीक्षा - I	पाठ-1 ईश्वर अल्लाह तेरे नाम	पाठ-1 भाषा और व्याकरण
		पाठ-2 वर्ण, वर्णमाला और मात्रा
	पाठ-2 भगवान को पत्र	पाठ-5 लिंग (मोर से सेवक तक)
		पाठ-6 वचन (तोता से गाय तक)
	पाठ-3 मेघा की डायरी	पाठ-12 अशुद्धि संशोधन (प्रशाद से गनित तक)
		पाठ-14 पर्यायवाची शब्द (ईश्वर से फूल तक)
		पाठ-15 विलोम शब्द (अंधकार से साहसी तक)
		पाठ-16 वाक्यांशबोधक (चित्र बनाने की कला से जो झूठ बोलता है तक)
		गिनती 1 से 20 तक
	चित्र वर्णन, अपठित गद्यांश	

अर्द्धवार्षिक परीक्षा	पाठ-2 भगवान को पत्र	पाठ-1 भाषा और व्याकरण
	पाठ-4 वर्षा ऋतु (कविता)	पाठ-3 शब्द
		पाठ-4 संज्ञा (परियोजना कार्य)
	पाठ-5 नेता की दाढ़ी	पाठ-5 लिंग (बेटा से जेठ तक)
		पाठ-6 वचन (पुस्तक से परी तक)
	पाठ-6 रावण की सीख	पाठ-12 अशुद्धि संशोधन (अध्यन से शक्ति तक)
		पाठ-14 पर्यायवाची शब्द (बेटा से बाग तक)
		पाठ-15 विलोम शब्द (सुंदर से अपना तक)
	पाठ-7 विचित्र अतिथि	पाठ-16 वाक्यांश बोधक (जो काम से जी चुराता है से जो घर रसोई के लिए है तक)
		पाठ-17 मुहावरे (दाँत खट्टे करना से पानी-पानी होना तक)
	गिनती - 21 से 40 तक	
	पत्र लेखन, चित्र लेखन, अपठित गद्यांश	
परीक्षा	पाठ्यपुस्तक	व्याकरण
सामयिक परीक्षा - II	पाठ-8 अब्दुल कादिर	पाठ-5 लिंग (देवर से सहपाठी तक)
		पाठ-6 वचन (भैंस से चिड़िया तक)
	पाठ-10 चाँद का कुरता (कविता)	पाठ-7 सर्वनाम
		पाठ-8 विशेषण
		पाठ-12 अशुद्धि संशोधन (छमा से परभू तक)
		पाठ-14 पर्यायवाची शब्द (आसमान से संग्राम तक)
	पाठ-11 चींटी	पाठ-15 विलोम शब्द (गुण से बनाना तक)
		पाठ-16 वाक्यांश बोधक (जिसकी आत्मा महान हो से जो शहर में रहता है तक)
		पाठ-17 मुहावरे (नाक में दम भरना से दाँत दिखाना तक)
		शब्द-सीढ़ी
	गिनती - 41 से 60 तक	

		अपठित गद्यांश, अनुच्छेद लेखन/चित्र वर्णन
वार्षिक परीक्षा	पाठ - 8 अब्दुल कादिर	पाठ-5 लिंग (गवाला से श्रीमान तक)
	पाठ 10 - चाँद का कुरता	
	पाठ-13 मेरी अभिलाषा है (कविता)	पाठ-6 वचन (दीवार से बूँद तक)
		पाठ-8 विशेषण
		पाठ-9 क्रिया
		पाठ-10 क्रिया विशेषण
	पाठ-14 मनुष्य का दिमाग	पाठ-11 वाक्य
		पाठ-12 अशुद्धि संशोधन (आर्शीवाद से किरण तक)
	पाठ-15 गणतंत्र दिवस	पाठ-13 विराम चिह्न
		पाठ-14 पर्यायवाची शब्द (शरीर से रात तक)
पाठ-16 विकास या विनाश	पाठ-15 विलोम शब्द (दायाँ से छोटा तक)	
	पाठ-16 वाक्यांशबोधक (जो जल में रहता है से जो लायक नहीं है तक)	
	पाठ-17 मुहावरे (पीठ दिखाना से मन मारना तक)	
	गिनती 61 से 75 तक	
	अनुच्छेद लेखन, पत्र लेखन, अपठित गद्यांश	

SUBJECT- MATHEMATICS

COURSE BOOK : 1. LONGMAN ACTIVE MATHS 4

PUBLISHER: PEARSON

COURSE BOOK : 2. New Enjoying Mathematics Practice Book with Mental Maths

PUBLISHER: OXFORD

OBJECTIVES:The aims of teaching and learning mathematics are to encourage and enable students to :

- Appreciate the usefulness, power and beauty of mathematics.
- Understand and be able 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 and ability to reflect critically upon their work and the work of others.
- Appreciate the international dimension of mathematics and its multicultural and historical perspectives.

.MONTH WISE SYLLABUS BREAK UP

APRIL:

CHAPTER1:

SUBTOPICS: Numbers

- 5 and 6- digit numbers
- Place value and expanded form
- Comparing numbers
- Formation of greatest and smallest numbers
- Estimation
- **MENTAL MATHS** : Chapter 1

Chapter 2 : Roman Numbers

SUBTOPICS:

- Roman numerals
- Word Problems

CHAPTER 3: Addition

- Addition of numbers
- Word problems

MENTAL MATHS : Chapter 2

MAY

CHAPTER 4 : Subtraction

SUBTOPICS:

- Subtraction of numbers
- Checking subtraction
- Word Problems

MENTAL MATHS: Chapter 2

JULY

CHAPTER 5: Multiplication

SUBTOPICS:

- Multiplication Facts
- Multiplication Tables upto 10
- Multiplication (4-digit number by 1-digit number)
- Multiplication by 3-digit number
- Multiplication using Lattice method
- Word Problems

MENTAL MATHS: Chapter 3

CHAPTER 6: Division

SUBTOPICS:

- Division by drawing dots
- Division by grouping
- Division by repeated subtraction
- Division (4-digit number by 1-digit number)
- Division by 10s and 100s
- Division by 2-digit numbers
- Word problems

MENTAL MATHS: Chapter 4

AUGUST

CHAPTER 10: Geometry

SUBTOPICS:

- Line Segment, line and ray
- Angles
- Polygons
- Measuring and drawing line segment
- Circles
- Tangrams
- Reading and drawing 3-d objects
- Symmetry

MENTAL MATHS: Chapter 7

SEPTEMBER
REVISION FOR SA-1

OCTOBER

CHAPTER 7 :Factors and Multiples

SUBTOPIC:

- Common Multiples
- Even and odd numbers

CHAPTER 9 : Fractions

SUBTOPIC:

- Fractions
- Fraction of a collection
- Equivalent Fractions
- Like and unlike Fractions
- Proper and improper fractions
- Mixed Fractions
- Addition of like fractions
- Subtraction of like fractions

MENTAL MATHS : Chapter 5 and 6

NOVEMBER

CHAPTER 16: Patterns

SUBTOPIC:

- Geometrical patterns
- Secret messages
- Patterns in addition and subtraction
- Patterns in multiplication and division
- Patterns in multiples of 3 and 9
- Casting out 9

MENTAL MATHS : Chapter 7

Chapter 14: Time

SUBTOPIC:

- Reading Time
- Use of AM and PM
- 24 Hour clock
- Calendar
- Leap Year
- Time duration

MENTAL MATHS : Chapter 10

DECEMBER

CHAPTER 8: Mental Arithmetic

SUBTOPIC:

- Adding multiples of 10, 100
 - Subtracting multiples of 10, 100
 - Multiplying by adding partial products
- Chapter 11: Money
- Conversion of units of money
 - Addition and subtraction of money
 - Multiplication and division of money

Chapter 12: Measurement

SUBTOPIC:

- Measurement of length, mass and capacity
- Addition and subtraction of length, mass and capacity
- Word problems

MENTAL MATHS : Chapter 8

JANUARY

CHAPTER 13: Perimeter and Area

SUBTOPIC:

- Perimeter
- Area

MENTAL MATHS : Chapter 9

FEBRUARY

CHAPTER 15: Data Handling

SUBTOPIC:

- Collection and Interpretation of data
- Bar graph
- Circular Chart

MENTAL MATHS : Chapter 11

REVISION FOR Final Exam

MARCH

Summative Assessment 2

EXAMWISE SYLLABUS BREAKUP

PERIODIC ASSESSMENT -1 : 3 P3

- Chapter 1 NUMBERS
- Chapter 2 ROMAN NUMERALS
- Chapter 3 ADDITION

MID TERM -1

- Chapter 3 ADDITION
- Chapter 4 SUBTRACTION
- Chapter 5 MULTIPLICATION
- Chapter 6 DIVISION
- Chapter 10 GEOMETRY

PERIODIC ASSESSMENT: 2

- Chapter 7 FACTORS AND MULTIPLES
- Chapter 9 FRACTIONS
- Chapter 16 PATTERN

FINAL TERM

- Chapter 8 MENTAL ARITHMETIC
- Chapter 9 FRACTIONS
- Chapter 11 MONEY
- Chapter 12 MEASUREMENT
- Chapter 13 PERIMETER AND AREA
- Chapter 14 TIME
- Chapter 15 DATA HANDLING

SUBJECT - 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. It augments the spirit of enquiry, creativity, objectivity and aesthetic sensibility.

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 understand and 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

TEXTBOOK- Millennium's Science for Juniors- 4

Author- Mrs. Anisha Talwar
Publisher- Millennium Book Source Pvt. Ltd.
Session- 2017-18

APRIL

LESSON-3: Reproduction in animals

Sub topics:

- Animals that lay eggs
- Life cycle of frog, butterfly, grasshopper
- Animals that gives birth to babies
- Parental care

LESSON-7: Our Clothes

Sub topics:

- Clothes we wear based on Weather, Nationality, and Profession
- Materials of clothes

- Process of making fibre and fabrics
- Care of clothes
- Storage

MAY

LESSON-10: Water- A wonderful liquid

Sub topics:

- Uses of water
- Dissolving properties of water
- Impurities in water
- Ways to clean water
- Underground water
- Precious water

REVISION FOR PERIODIC ASSESSMENT - 1

JULY

- LESSON-1: - Plants- Friends for Life

Sub topics:

- Importance of plants
- Functions of root, stem, leaf
- Photosynthesis- The process of making food
- Storage and distribution of food

LESSON-2: Adaptation in plants

Sub topics:

- Terrestrial plants
- Aquatic plants
- Other plants

AUGUST

LESSON-4: Adaptation in animals

Sub topics:

- Adaptation
 - Adaptation based on habitat
- Terrestrial animals
- Aquatic animals
- Amphibians
- Arboreal animals
- Aerial animals
- Adaptation based on food habits

LESSON-8: Our Surroundings

Sub topics:

- A clean environment
- Pollution
- Disposal of waste
- Biodegradable and non-biodegradable waste
- Waste Management

SEPTEMBER

REVISION FOR HALF YEARLY EXAMS

OCTOBER

LESSON-5: Food and Digestion

Sub topics:

- Components of food
- Preparation of food
- Journey of food in our body
Digestion of food

NOVEMBER

LESSON-6: Teeth

Sub topics:

- Two sets of teeth
- Types of teeth
- Structure of a tooth
- Caring for the teeth

LESSON-12: Material and their properties

Sub topics

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

REVISION FOR PERIODIC ASSESSMENT -2

DECEMBER

- LESSON-11: How Does Weather Change

Sub topics:

- Weather – An introduction
- Does the Sun affect weather?
- Air circulation
- Water circulation
- How do we get rain?
- Weather affects our lives

LESSON-13: Work, Force and Energy

Sub topics:

- Force - An introduction
- Type of forces
- Work
- Simple machines
- Energy
- Sources of energy
- Forms of energy

JANUARY

LESSON-9: Safety First

Sub topics:

- Avoiding accidents
- How to prepare a First Aid Box?
- First aid

FEBRUARY

LESSON-14: Earth and the Solar System

Sub topics:

- The Earth
- Planets and the solar system

- Satellites
- Movement of Earth
- The seasons

REVISION FOR YEARLY EXAMS

EXAM WISE SYLLABUS BREAK UP

PERIODIC ASSESSMENT –I

- Lesson-3 – Reproduction in Animals
- Lesson-7 -Our Clothes
- Lesson-10- Water - A Wonderful Liquid

HALF YEARLY EXAMS

- Lesson-1- Plants- Friends for Life
- Lesson-2- Adaptation in Plant
- Lesson-4- Adaptation in Animals
- Lesson-8 -Our Surroundings

PERIODIC ASSESSMENT - II

- Lesson-5- Food & Digestion
- Lesson-6- Teeth
- Lesson-12- Material and Their Properties

YEARLY EXAMS

- Lesson-9- Safety First
- Lesson-11- How Does Weather Change
- Lesson-13 Work Force and Energy
- Lesson-14 – Earth and The Solar System

SUBJECT-SOCIAL SCIENCE

Textbook-Social Studies for Junior Class-IV Publisher-Goyal Brothers

Prakashan Objectives

- To develop in the child skills of observation, identification and classification.
- To sensitize the child to social issues and develop in him/her a respect for difference and diversity.
- To guide them towards living in harmony with themselves and their social and natural environment.
- To grow up as active, responsible, and reflective members of society.

MONTHWISE SYLLABUS BREAKUP

• Month-April

*Lesson-1 The Face of Our Motherland

- Location
- Physical features of India

Neighbouring Countries of India Lesson-2 The Northern Mountain Wall

- Location of the Himalayas.
- Three ranges of the Himalayas.
- Life in the Northern Mountains.
- The North Eastern States(Seven Sisters)

* Lesson-9 Soils of India

- What is Soil?
- Types of soil found in India
- Soil erosion
- Ways to prevent soil erosion

Month-May

Lesson-3 The Northern Plains

- The states lying in the Northern Plains
- The main rivers originating in the Himalayas
- The three basins – Satluj, Ganga and Brahmaputra
- Types of crops grown, languages spoken, the festivals celebrated by people living in these states

Month-July

Lesson-4 The Western Desert of India

- Location of the desert.
- Climate
- Life in the desert
- Steps we can take to check the spread of desert
- Life in Central Plateau

Lesson-12 Our Mineral Resources Metallic minerals.

- Non-metallic minerals.
- Places in India where different minerals are found

. Lesson-13 Agriculture

- Main crop seasons
- Difference between rabi and kharif crops

Month –August

Lesson-8 The Climate of our country

- Major seasons of India.
- How seasons affect our life

Lesson-10 Forests and wildlife

- The importance of forests
- The types of forests found in India
- Vana Mahotsava

Names of famous National Parks and Wildlife Sanctuaries **Lesson-15**

Means of Transport

- Types of transport
- The different modes of transport like Road Railways and Airways.
- Major Airports of India

Month –September

Lesson-11 Water Resources

- Main sources of water.
- Uses of water.
- Main means of irrigation in India.

Lesson-16 Means of Communication

- The different means of communication like Letters, Telephone, Fax, Computer. Mass Media

The role of Internet in our life.

Month-October

Lesson-5 The Southern Plateau

- Location of the Southern Plateau
- Malwa Plateau
- Chhotanagpur Plateau
- Deccan Plateau
- States located in the Southern Plateaus

Lesson-14- Our Human Resources

- The most important resource of a country
- Density of population
- Why India has not been able to progress fast

***Lesson-19 Our National Symbols**

- The National symbols of our country like Flag, Animal, Bird and Flower, etc.
Rules to be followed while hosting our National Flag
- Significance of colors in our National Flag

Month- November

Lesson-6 The Coastal Plains and Islands of India

- The states lying on the coast of India.
- The names of the major ports.
- Location of the Western coastal plain and the Eastern coastal plain.
- Location of Andaman and Nicobar Islands and Lakshadweep Islands.
- States located in the Western Coastal Region
-

Lesson-7 Life in the Eastern Coastal Region

- States located in the Eastern Coastal Region.
- Crops grown ,languages spoken ,dresses worn and festivals celebrated by the people living in these states.

Month-December**Lesson-17 Our Rich Heritage**

- Major Indian Languages Dresses
- Dance and Music
- Paintings
- Architecture

Lesson-18 Thoughts that make us Better Human Beings

- The main religions of the world and their teachings.
- Contribution made by Indians in the field of science , medicine

Month-January**Lesson-20 Our Government**

- The Central Government
- The State Governments
- Judiciary

Month-February**Lesson-21- Our Goals, Rights and Duties**

- Our Constitution.
- The meaning of Socialism, Secularism, Democracy, Republic.
- Our Fundamental Rights.
- Our Duties.
- The Directive Principles

EXAM WISE SYLLABUS BREAK-UP**PERIODIC TEST – I**

Lesson -1	:	The Face of our Motherland
Lesson -2	:	The Northern Mountain Wall
Lesson - 3	:	The Northern Plains
Lesson -9	:	Soils of India

MID TERM EXAMINATION

Lesson - 4	:	The Western Desert of India
Lesson - 8	:	The Climate of Our Country
Lesson - 10	:	Forests and Wildlife
Lesson – 11	:	Water Resources
Lesson - 12	:	Our Mineral Resources
Lesson- 13	:	Agriculture
Lesson - 15	:	Means of Transport

Map Work : All the states and countries that lie in the Lesson-1,2,3,4

PERIODIC TEST – II

Lesson - 5 : The Southern Plateaus
Lesson - 14 : Our Human Resources
Lesson - 16 : Means of Communication
Lesson - 19 : Our National Symbols

FINAL TERM EXAMINATION

Lesson - 6 : The Coastal Plains and Islands of India
Lesson - 7 : Life in the Eastern Coastal Region

Lesson - 17 : Our Rich Heritage
Lesson - 18 : Thoughts that make us better Human Beings
Lesson - 20 : Our Government
Lesson - 21 : Our Goals Rights and Duties

Map Work : All the states that lie in Lesson-5,6,7

SUBJECT: COMPUTER SCIENCE

Objective: It will focus on knowledge and skills to develop scientific attitude, use and application of such knowledge and skills to improve the quality of life and further use this learning to analyze, evaluate, synthesize, create, invent and discover.

Text Book: **IT PLANET** My Bits & Bytes Windows 8.1 & Office 2013 **4**

Author: Mr. Harsh Arora and Mr. Davinder Singh Minhas

Publisher: PMP Publishers Pvt Ltd.

Reference Book: NA

APRIL

Lesson 1: History of Computers

Subtopics:

- Concept of counting
- Abacus
- Napier's Bones
- Pascaline
- Leibniz Calculator
- Babbage's Analytical Engine
- Tabulating Machine
- Mark1
- ENIAC and UNIVAC
- Personal Computer(PC)

Lesson 7: Word Processor

Subtopics:

- Word Processor
- Types of Word Processor
- Microsoft Word 2013
- Starting Word 2013
- The Word window
- File Tab

PRACTICAL: MS-WORD 2013

MAY

Lesson 7: Word Processor

Subtopics:

- Ribbon
- Creating a new document
- Entering Text
- Saving a document

PRACTICAL: MS-WORD 2013

JULY

REVISION for Periodic Test 1

Periodic Test 1 (Date: July, 2017)

Lesson 2: Classification of Computers

Subtopics:

- Classification of Computers
- According To Purpose
- According To Size

Lesson 8: Working with MS-WORD

Subtopics:

- Selecting Text
- Moving and Copying Text
- Formatting Text
- Changing Font of the Text
- Using Mini Toolbar
- Changing the Font Size of the Text
- Changing the Text Bold, Italics Or Underline

PRACTICAL: Microsoft Word 2013

AUGUST

Lesson 8: Working with MS-WORD

Subtopics:

- Changing the Color of Text
- Highlighting Text
- Changing Alignment of Text
- Inserting Pictures and Clipart
- Wrapping Text Around An Image
- Moving and Resizing Image Or Object
- Adding Picture Effects
- Adding Picture Border
- Inserting Online Pictures
- Adding Autoshapes
- Adding WordArt
- Adding A Border

Lesson 3: Inside the System Unit

Subtopics:

- System Unit

- Components Inside the System Unit
- Motherboard
- CPU
- RAM (Random Access Memory)
- Disk Drives
- Power Supply
- Ports

PRACTICAL: Microsoft Word 2013

Practical Exam of Microsoft Word 2013

SEPTEMBER

REVISION for Mid Term Exam

Lesson 2: Classification of Computers

Lesson 8: Working with MS-WORD

Lesson 3: Inside the System Unit

Mid Term Exam (Date: September, 2017)

Lesson 5: KNOWING WINDOWS 8.1

Subtopics:

- Windows 8.1
- Features of Windows 8.1
- Starting Windows
- Windows Start Screen
- Charms Menu
- Opening Windows 8.1 Apps
- Understanding App Window
- Windows Desktop
- Understanding Windows Desktop App

OCTOBER

Lesson 5: KNOWING WINDOWS 8.1

Subtopics:

- Maximizing Window
- Minimize A Window
- Moving A Window
- Resizing A Window
- Switching Between Running Apps
- Using A Ribbon
- Closing A Window
- Lock Your Computer

PRACTICAL: WINDOWS 8.1

NOVEMBER

Lesson 6: PERSONALIZING WINDOWS 8.1

Subtopics:

- Configure the Start Screen
- Add or Pin an App To the Start Screen
- Change the Start Screen Background
- Change the Lock Screen Background
- Add An App To the Lock Screen
- Changing Desktop Background
- Setting the Screen Saver
- Changing the Colour Scheme
- Setting a Theme
- Adjusting the volume

PRACTICAL: WINDOWS 8.1

DECEMBER

REVISION for Periodic Test 2

Periodic Test 2 (Date: Dec, 2017)

Lesson 9: PowerPoint

Subtopics:

- Introduction To PowerPoint
- Starting PowerPoint
- PowerPoint Window
- Creating A Blank Presentation With Design Theme
- Creating Title Slide
- Adding A New Slide To A Presentation
- Selecting Text
- Deleting the Text
- Undoing the Changes
- Changing the Font of the Text
- Changing the Size of the Text
- Changing the Color of the Text
- Changing the Text Style
- Changing the Text Alignment
- Setting the Line Spacing
- Run A Slide Show
- Saving A Presentation
- Closing A Presentation
- Exiting PowerPoint

PRACTICAL: PowerPoint: Designing Presentations

JANUARY

Lesson 10: Internet

Subtopics:

- Internet
- Requirements for the Internet
- Uses of Internet
- Important terms related to Internet

PRACTICAL: PowerPoint: Designing Presentations

Practical Exam of Microsoft PowerPoint

FEBRUARY

Lesson 4: Computer Memory

Subtopics:

- Memory
- Computer Memory
- Primary Memory
- Secondary Memory

PRACTICAL: PowerPoint: Designing Presentations

REVISION for Annual Term Exam

Lesson 9: PowerPoint

Lesson 4: Computer Memory

Lesson 10: Internet

Annual Term Exam (Date: Mar, 2018)

TERM WISE SYLLABUS

Term	Syllabus	
PT1	Lesson :1 Lesson: 7	History of Computers Word Processor
Mid Term Exam	Lesson: 2 Lesson: 8 Lesson: 3	Classifications of Computers Working with MS-WORD Inside the System Unit
PT2	Lesson: 5 Lesson :6	Knowing Windows 8.1 Personalizing Windows 8.1
Annual Exam	Lesson :9 Lesson :10 Lesson :4	PowerPoint Internet Computer Memory