

**MAHARAJA AGRASEN MODEL SCHOOL**  
**MONTHLY SYLLABUS PLAN**  
**SESSION 2025-2026**  
**CLASS -IV**

**ENGLISH**

**LEARNING OUTCOMES**

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

**TEXTBOOKS**

1.Reader: 21st Century English Grade 4

Publisher: Burlington English

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

Publisher: Burlington English

3.Supplementary Reader: Treasure Trove Authors: Aditi Misra, Abha Malik  
Pasricha Publisher: Rising Sun Pub. Co.

**APRIL & MAY**

- Literature – L- 5 Braille  
Poem : The Voice of Spring
- Grammar – Nouns  
a/an/the  
Subject Verb Agreement  
Vocabulary (Spellings)
- Writing Skill : Guided Paragraph Writing
- Comprehension : Unseen Passage/ Poem
- Treasure Trove: The Boy and The Apple Tree  
The Elephant And The Forester

**JULY**

Revision for Periodic Test 1

- Literature – L- 3 The Weightlifting Princess
- Grammar : Present Simple/Present Continuous

- Prepositions
  - Question words
- Treasure Trove: The Mysterious Neighbour
- The Friendly Elves

## **AUGUST**

- Literature: L- 4 The Case of the Missing Water  
Poem : Friends
- Grammar : Punctuation, Vocabulary(One word substitution)
- Writing Skill : Guided Picture Description
- Comprehension : Unseen Passage/ Poem
- Treasure Trove : The Diary Of Anne Frank

## **SEPTEMBER**

- Grammar:  
Conjunctions
- Writing Skill: Paragraph Writing
- Revisions
- Treasure Trove : A Wise Old Bird

## **OCTOBER**

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

## **NOVEMBER**

- Literature - L-6 Luke saves the Whale
- Grammar- Possessive Nouns
- Treasure Trove : Castles In The Air

## **DECEMBER**

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

## **JANUARY**

- Literature : L- 2 Down the Rabbit hole
- Grammar- Relative Pronouns

- Reflexive Pronouns
- Writing Skill : Message Writing
- Treasure Trove : The Messenger

## **FEBRUARY**

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

## **MARCH**

Revisions for final term exam

- Treasure Trove : The Reward

## **EXAM SYLLABUS**

### **Periodic Test 1**

- Literature – L- 5 Braille  
Poem : The Voice of Spring
- Grammar – Nouns  
a/an/the  
Subject Verb Agreement  
Vocabulary (Spellings)
- Writing Skill : Guided Paragraph Writing
- Comprehension : Unseen Passage/ Poem

### **Mid Term Exam**

- Literature:L-3 The Weightlifting Princess  
L- 4 The Case of the Missing Water  
Poem : Friends
- Grammar : Present Simple/ Present Continuous
- Prepositions
- Question words
- Vocabulary(One word substitution)
- Writing Skill : Guided Picture Description
- Comprehension : Unseen Passage/ Poem

## Periodic Test 2

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

## Final Term Examination

- Literature: : L- 6 Luke saves the Whale  
L- 8 The Sword in the Stone  
Poem : Going Downhill on a Bicycle
- Grammar-  
• Possessive Nouns  
• Relative Pronouns  
• Reflexive Pronouns  
Tag Questions  
Passive
- Writing Skill : Message Writing
- Comprehension : Unseen Passage/ Poem

	हिंदी
विद्यार्थियों की पुस्तकों के प्रति रुचि जाग्रत करना	
शुद्ध पढ़ने लिखने की योग्यता प्रदान करना	
वार्तालाप में दक्षता प्राप्त करना	
मौखिक व लिखित अभिव्यक्ति का विकास करना	
विद्यार्थियों की कल्पना शक्ति और सृजनात्मकता का विकास करना	
नैतिक मूल्यों का विकास करना ।	
मूल्यांकन विधि	
विद्यार्थियों का पठन-पाठन कविता, संवाद, वर्तनी, व्याकरण, काव्यांश, गद्यांश के आधार पर	
मूल्यांकन किया जाएगा	
पाठ्यपुस्तक	प्रकाशक
बरखा भाग 4	गीता पब्लिशिंग हाउस
ज्ञानसुधा	

अप्रैल

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बरखा

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पाठ 1 ईश्वर अल्लाह तेरे नाम (कविता)

पाठ 2 भगवान को पत्र

पाठ 3 मेघा की डायरी ( गद्यांश)

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ज्ञानसुधा

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पाठ 1 बालक का प्रण

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पाठ 1 भाषा

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व्याकरण

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पाठ 6 लिंग (लड़का से हाथी तक)

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पाठ 7 वचन ( झंडा से राह तक )

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पाठ 11 शब्द भंडार

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• विलोम शब्द ( सरल से हार तक)

• पर्यायवाची शब्द (आंख से बेटी तक)

• अनेक शब्दों के लिए एक शब्द (चित्र बनाने वाला से जो ईश्वर में विश्वास रखता हो तक)

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पाठ 13 अशुद्धि शोधन (चाँद से तलाबतक)

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

गिनती 1 से 20 तक

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मई

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प्रथम चक्रीय परीक्षा के लिए पुनरावृत्ति

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बरखा

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पाठ 4 वर्षा ऋतु (कविता) (काव्यांश)

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ज्ञानसुधा

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पाठ 2 मौके की सहायता

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पाठ 3 माँ का हृदय

## सोमवार प्रथम चक्रीय परीक्षा पाठ्यक्रम

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### बरखा

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पाठ 1 ईश्वर अल्लाह तेरे नाम (कविता)

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पाठ 2 भगवान को पत्र

पाठ 3 मेघा की डायरी पत्र (गद्यांश)

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### व्याकरण

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पाठ 1 भाषा

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पाठ 6 लिंग (लड़का से

से हाथी तक)

पाठ 7 वचन (झंडा से राह तक)

पाठ 11 शब्द भंडार

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- विलोम शब्द ( सरल से हार तक)
  - पर्यायवाची शब्द ( आंख से बेटी तक)
  - अनेक शब्दों के लिए एक शब्द (चित्र बनानेवाला से जो ईश्वर में विश्वास रखता हो तक)
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पाठ 13 अशुद्धि शोधन (चाँद से तलाब तक)

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

गिनती 1 से 20 तक

अपठित गद्यांश

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## जुलाई

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### बरखा

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पाठ 5 नेता की दाढ़ी (गद्यांश)

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पाठ 6 रावण की सीख(अनुच्छेद लेखन)

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### ज्ञानसुधा

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पाठ 4 माटी का चबूतरा

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### व्याकरण

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पाठ 2 वर्ण और वर्णमाला

पाठ 3 शब्द

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पाठ 4 वाक्य

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पाठ 5 संज्ञा

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पाठ 6 लिंग ( बंदर से सेठ तक)

पाठ 7 वचन ( मुर्गा से कटोरी तक)

पाठ 11 शब्द भंडार

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- पर्यायवाची शब्द (बाग से रात तक )
- विलोम शब्द (आशा से एक तक)

अनेक शब्दों के लिए एक शब्द ( प्रतिदिन होने वाला से जो सदा सत्य बोलता होतक)

अगस्त

बरखा

पाठ 7 विचित्र अतिथि(पठित गद्यांश)

ज्ञानसुधा

पाठ 5 सच्ची वीरता

व्याकरण

पाठ 13 अशुद्धि शोधन (आनंद से प्रशाद तक)

पाठ 14 मुहावरे (घोड़े बेचकर सोना से नौ दो ग्यारह

होना)

गिनती 21 से 40 तक

चित्र वर्णन / अनुच्छेदलेखन

मध्यावधिक परीक्षा पाठ्यक्रम

बरखा

पाठ 4 वर्षा ऋतु (काव्यांश)

पाठ 5 नेता की दाढ़ी

पाठ 6 रावण की सीख(अनुच्छेद लेख)

पाठ 7 विचित्र अतिथि(पठित गद्यांश)

व्याकरण

पाठ 2 वर्ण और वर्णमाला

पाठ 3 शब्द

पाठ 4 वाक्य

पाठ 5 संज्ञा

पाठ 6 लिंग ( बंदर से रात तक)

पाठ 7 वचन ( मुर्गा से कटोरी तक तक)

पाठ 11 शब्द भंडार

पर्यायवाची शब्द (नाग से आग तक)

- विलोम शब्द (आशा से आग तक)
- अनेक शब्दों के लिए एक शब्द ( प्रतिदिन

होने वाला जो सदा सत्य बोलता हो तक )

पाठ 13 अशुद्धि शोधन (आनंद से प्रशाद तक)  
पाठ 14 मुहावरे (घोड़े बेचकर सोना से नौ दो ग्यारह

होना)

पठित गद्यांश / अनुच्छेद लेखन, अपठित गद्यांश  
गिनती 21 से 40 तक

सितंबर

मध्यावधिक परीक्षा हेतु मौखिक तथा लिखितपुनरावृत्ती

बरखा

कविता- घूम हाथी झूम हाथी

पाठ 8 अब्दुल कादिर

पाठ 9 अवंति के किस्से ( पठन पाठन)

पाठ 10 चाँद का कुर्ता(कविता) (काव्यांश)

ज्ञानसुधा

पाठ 6 बीरबल की बुद्धिमत्ता पाठ 7 स्वाभिमान

अक्टूबर

बरखा

पाठ 11 चींटी (अनुच्छेदलेखन)

पाठ 12 तीन मूर्ख ( पठन पाठन)

ज्ञानसुधा

पाठ 8 विवेक और साहस

व्याकरण

पाठ 8 सर्वनाम

पाठ 9 विशेषण

पाठ 6 लिंग (वर से अध्यापक तक)

पाठ 7 वचन ( गुड़िया से माला तक)



पाठ 13 अशुद्धि शोधन ( अहार से आशीर्वाद तक ) पाठ 11 शब्द भंडार

• पर्यायवाची शब्द ( कपड़ा से शिक्षक तक)

◦ विलोम शब्द (वीर से स्वामी तक)

• गिनती 41 से 60 तक

• अनेक शब्दों के लिए एक शब्द ( जो बहुत बोलता हो से मन को हर लेने वाला)

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

द्वितीय चक्रीय परीक्षा पाठ्यक्रम

बरखा

पाठ 8 अब्दुल कादिर

पाठ 10 चाँद का कुर्ता (कविता) (काव्यांश)

सर्वनाम

विशेषण

व्याकरण

पाठ 6 लिंग (वर से अध्यापक तक)

पाठ 7 वचन ( गुड़िया से माला तक)

पाठ 13 अशुद्धि शोधन ( अहार से आशीर्वाद तक)

पाठ 11 शब्द भंडार

• पर्यायवाची शब्द ( कपड़ा से शिक्षक तक)

◦ विलोम शब्द (वीर से स्वामी तक)

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• अनेक शब्दों के लिए एक शब्द ( छाया देने वाला से जो कहानी लिखें)

पाठ 14 मुहावरे ( जो बहुत बोलता हो से मनको हर लेने वाला)

गिनती 41 से 60 तक

अपठित गद्यांश, अनुच्छेद लेखन

नवंबर

सोमवार द्वितीय चक्रीय परीक्षा हेतु मौखिक तथा लिखित पुनरावृत्ति

बरखा

पाठ 13 मेरी अभिलाषा है ( कविता ) (काव्यांश)

पाठ 14 मनुष्य कादिमाग (पठित गद्यांश)

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ज्ञानसुधा

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पाठ 9 कश्मीरी सेब

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व्याकरण

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पाठ 6 लिंग (लेखक से अभिनेता

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तक )

पाठ 7 वचन (कक्षा से मिठाई

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तक)

पाठ 10 क्रिया

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दिसंबर

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बरखा

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पाठ 15 गणतंत्र दिवस

आराम है हराम (कविता)

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ज्ञानसुधा

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पाठ 10 हेलेन वाकर की सच्चाई

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व्याकरण

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पाठ 13 विराम चिन्ह

पत्र लेखन, गिनती 61 से 75 तक

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जनवरी

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बरखा

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पाठ 16 विकास या विनाश (अनुच्छेद लेखन)

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खुश हो गई राजकुमारी ( कविता )

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ज्ञानसुधा

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पाठ 11 तीर्थ यात्रा

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फरवरी

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व्याकरण

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पाठ 13 अशुद्धि शोधन (समापत से पतनी तक)

पाठ 11 शब्द भंडार

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● पर्यायवाची शब्द ( बंदर से घर तक)

○ विलोम शब्द (सत्य से

प्रशंसा तक )

● अनेक शब्दों के लिए एक शब्द (नीचे लिखा हुआ से साथ में पढ़ने वाला तक)

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

ज्ञान सुधा

पाठ 12 अमर शहीद खुदीराम बोस

व्याकरण

गिनती 61 से 75 तक, पत्र लेखन तथा चित्र वर्णन

मार्च

वार्षिक परीक्षा हेतु मौखिक तथा लिखित पुनरावृत्ति वार्षिक परीक्षा पाठ्यक्रम

बरखा

पाठ 13 मेरी अभिलाषा है ( कविता ) (काव्यांश)

पाठ 14 मनुष्य कादिमाग (पठित गद्यांश)

पाठ 15 गणतंत्र दिवस

पाठ 16 विकास या विनाश (अनुच्छेद लेखन)

व्याकरण

पाठ 6 लिंग (लेखक से अभिनेता तक)

पाठ 7 वचन (कक्षा से मिठाई

तक)

पाठ 11 शब्द भंडार

● पर्यायवाची शब्द ( बंदर से घर तक )

○ विलोम शब्द ( सत्य से

प्रशंसा तक )

● अनेक शब्दों के लिए एक शब्द (नीचे लिखा हुआ से साथ में पढ़ने वाला तक)

पाठ 13 अशुद्धि शोधन(समापत से पतनी तक)

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

गिनती 61-75 तक, पत्र लेखन, अपठित गद्यांश, (अनुच्छेद लेखन)

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## MATHEMATICS

### LEARNING OUTCOMES

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

TEXTBOOKS- Magic with Maths,  
Mental Maths

PUBLISHER- TPACK EDUCATION

### April

Chapter- 1 Large Numbers

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

Chapter - 2 Roman Numerals

- Hindu - Arabic Numerals
- Roman Numerals
- Rules for writing roman numerals

Mental Maths – Exercise 1 to 21

### May

## Chapter-3 Addition

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

Mental Maths – Exercise 22 to 24

## **July**

### Chapter-4 Subtraction

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

### Chapter-5 Multiplication

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

Mental Maths – Exercise 25 to 33

## **August**

### Chapter – 6 Division

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

Mental Maths – Exercise 34 to 40

### Chapter – 14 Patterns and Symmetry

- Patterns
- Tessellations
- Reflections
- Symmetry

Mental Maths – Exercise 75

## **September**

### Chapter- 7 Multiples and factors

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

Revision for Mid term exams.

## **October**

### Chapter – 7 Multiples and factors

- Highest Common Factor(HCF)
- Prime and Composite Numbers
- Sieve of Eratosthenes
- Prime Factorization
- Tests of Divisibility

### Chapter- 8 Fractions

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

Mental Maths – Exercise 41 to 60

## **November**

### Chapter – 13 Geometry

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

Mental Maths – Exercise 69 to 70, 72, 73

## **December**

Chapter – 10 Measurement

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

Mental Maths – Exercise 66 to 68

Chapter – 11 Time

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

Mental Maths – Exercise 78 to 81

## **January**

Chapter – 12 Money

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

Mental Maths – Exercise 76 to 77

Chapter : 16 solid shapes

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

## Mental Maths – Exercise 74

### **February**

Chapter- 15 perimeter and area

- Perimeter
- Area

Mental Maths – Exercise 71

Chapter- 17 Handling data

- Pictorial representation of data
- Tally marks
- Bar graphs

Mental Maths – Exercise 82

Chapter-9 Decimals

Mental Maths – Exercise 61 to 65

### **March**

Final Term examination

### **Periodic Test – 1**

Chapter -1 Large Numbers

Chapter - 2, Roman Numerals

### **Mid Term Exam**

Chapter – 3 Addition

Chapter – 4 Subtraction

Chapter – 5 Multiplication

Chapter – 6 Division

Chapter – 14 Patterns and Symmetry

### **Periodic Test – 2**

Chapter – 7 Multiples and Factors

Chapter – 8 Fractions

Chapter – 13 Geometry

### **Final term examination**

Chapter – 10 Measurement

Chapter – 11 Time

Chapter – 12 Money

Chapter – 15 Perimeter and Area

Chapter - 16 Solid Shapes



## SCIENCE

TEXTBOOK- Millennium's Science for Juniors- 4

Author- Mrs. Anisha Talwar

Publisher- Millennium Book Source

### 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 humankind.
- Develop scientific curiosity and orientation towards scientific research.
- Working dependently and cooperatively in solving scientific problems.
- Help the students to get acquainted with the impact of science over the environment surrounding them and to develop their interest in the study of science.
- Develop scientific attitude among children.
- Cultivate the habit of systematic and logical thinking.
- Develop the habit and ability of drawing correct inferences out of the available facts and evidences.

### APRIL

Lesson-1- Plants-the Sources of Food

Sub topics:

- Photosynthesis
- Leaf – The Food Factory
- Role Of Roots
- Role Of Stem
- Storage of food

LESSON-2: Adaptation in plants

Sub topics:

- Terrestrial plants

- Aquatic plants
- Other plants

## **May**

### LESSON-3: Adaptation in animals

Sub topics:

- Adaptations
- Adaptations based on habitats
- Adaptation based on food habits
- Adaptation based on safetyINTERNAL ASSESSMENT
- SEA-PASTE 5 PICTURES OF TERRESTRIAL PLANTS AND 5 PICTURES OF AQUATIC PLANTS WITH THEIR NAMES ON A4 SHEETS.(5 marks)
- Holidays home work -MAKE A COLLAGE OF DIFFERENT TYPES OF PLANTS OR ECOSYSTEM OF ANIMALS ON A4 SHEETS.(5 marks)

## **JULY**

### SYLLABUS OF PERIODIC TEST 1

- LESSON -1:Plants the sources of food
- LESSON-2: Adaptation in plants
- LESSON-4: Reproduction in animals

Sub topics:

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

### LESSON-5: Our body - Food and Digestion

- Sub topics:
- Components of food
- Digestion of food
- Cooking methods of food
- Preservation of foodAUGUST

### LESSON-6: Our Teeth

Sub topics:

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

### LESSON-7: The Clothes We Wear

Sub topics:

- Choice of Clothes
- Cloth Materials
- Fiber to fabric
- Care for clothes

ACTIVITY – Mat weaving and paste the different types of clothes in

notebook

## **SEPTEMBER**

### **MID TERM EXAMINATION**

Syllabus Mid term

LESSON-3: Adaptation in Animals

LESSON-4: Reproduction in Animals

LESSON-5: Our Body - Food and Digestion

LESSON-6: Our Teeth

## **OCTOBER**

(SEA-METHODS OF WATER PURIFICATION)

LESSON-8: Our Surroundings

• Sub topics:

• Clean environment

• Pollution

• Disposal of waste

• Waste Management

LESSON 9-SAFETY FIRST

Sub topics:

• Avoiding accidents

• Safety at home and school

• Burns

• Falls

• Cut and wounds

• Poisonous substance

• First aid

• How to prepare first aid box (Activity)

## **NOVEMBER**

LESSON-10: Water- A wonderful liquid

Sub topics:

• Uses of water

• Water in our body

• Dissolving properties of water

• Impurities in water How to clean water?

• Ground water

• Conservation of water

LESSON-12: Material and their properties

Sub topics

• What is matter made up of?

• Three states of matter

• Changes in states of matter

• Solutions

- Physical properties of matter

## **DECEMBER**

PERIODIC TEST -2

SYLLABUS:

- LESSON-12 : Materials and their properties

- LESSON-8: Our Surroundings

LESSON-11:How Does Weather Change

Sub topics:

- Weather-Definition
- Sun affects the weather
- Air circulation
- Water circulation
- Weather affects our lives
- LESSON 13-FORCE,WORK AND ENERGY
- Sub topics
- Force-Different types of force
- Work
- Forms of energy
- Simple machines

Winter holidays homework

Project/Presentation on safety rules and first aid

## **JANUARY**

- LESSON-14: Earth and the Solar System

- Sub topics:

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

## **FEBRUARY**

Lesson -14 : Earth and the Solar System

Revision

## **MARCH**

ANNUAL EXAMINATION SYLLABUS

LESSON-10: Water- A wonderful liquid

LESSON-11:How Does Weather Change?

LESSON 13-Force, Work and Energy

LESSON -14:Earth and the Solar system

## **SOCIAL SCIENCE**

TEXTBOOK-Active Social Science

PUBLISHER- Focus Learning

## **Learning Outcomes**

The learners will be able to

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

## **MONTHWISE SYLLABUS PLAN**

### **TERM I APRIL**

LESSON 1. India: A Beautiful Country

LESSON 2. The Northern Mountains

LESSON 8. Our Natural Resources

### **MAY**

LESSON 3. The Northern Plains

LESSON 20. Art and Culture ( Internal Assessment)

(Revision for PT1 .....Lesson 1,2, and 8 for Periodic Test I)

### **JULY**

LESSON 4. The Great Indian Desert

LESSON 7. The Climate of India

LESSON 9. Soil Resources

### **AUGUST**

LESSON 10. Natural Vegetation and Wildlife

LESSON 14. Agriculture and Livestock

## **SEPTEMBER**

LESSON 5. The Southern Plateaus  
LESSON 21. Great People of India ( Internal Assessment)

(Revision for Mid Term... Lesson 3,4,7,9,10,and 14 3and Map work of Lesson 1,2,3 and 4

## **OCTOBER**

LESSON 11. Water Resources  
LESSON 15. Industries  
LESSON 22. The Era of Exploration ( Internal Assessment)

## **NOVEMBER**

LESSON 16. Means of Transport  
LESSON 6. The Coastal Plains and the Island

## **DECEMBER**

LESSON 12. Mineral Resources  
LESSON 13. Human Resource  
LESSON 23 Ashoka and Akbar-The Great Rulers of India(Internal Assessment)  
(Revision for PT 2... Lesson 5,11,15 &16)

## **JANUARY**

LESSON 17. Means of Communication  
LESSON 18. The Local Self-Government

## **FEBRUARY**

LESSON 19. Our Rights and Duties

(Revision for Lesson 5,13,14,18 and 19 + Map work of Lesson 1 to 5)

## **MARCH**

REVISION

FINAL TERM EXAM

## **EXAMWISE BREAK**

### **PERIODIC TEST I**

LESSON 1. India: A Beautiful Country

LESSON 2. The Northern Mountain  
LESSON 8. Our Natural Resources

### **MID TERM EXAM**

LESSON 3. The Northern Plains  
LESSON 4. The Great Indian Desert  
LESSON 7. The Climate of India  
LESSON 9. Soil Resources  
LESSON 10. Natural Vegetation and Wildlife  
LESSON 14. Agriculture and Livestock

Map Work of L 1,2,3 ,4

### **PERIODIC TEST II**

LESSON 5. The Southern Plateaus  
LESSON 11. Water Resources  
LESSON 15. Industries  
LESSON 16. Means of Transport

### **FINAL TERM EXAMS**

LESSON 6. The Coastal Plains and the Islands  
LESSON 12. Mineral Resources  
LESSON 13. Human Resources  
LESSON 17. Means of Communication  
LESSON 18. The Local Self-Government  
LESSON 19. Our Rights and Duties

Map Work of L 1,2,3,4,5,6

## **COMPUTER SCIENCE**

Learning outcomes

Students will be able to:

- Identify and explain the components of Windows 10 desktop.
- Insert and manipulate shapes, WordArt, pictures, and symbols in MS Word.
- Create, format, and manage tables in MS Word.
- Develop and deliver presentations using PowerPoint.
- Understand internet usage, connectivity, and common terms.
- Learn basic coding concepts using Scratch and Kodu Game Lab.
- Compare AI and non-AI robots and explore AI developments.

Text Book: DigiCode AI ver 2.1

Publisher: Orange Education

## **APRIL**

### Ch 1 More on Windows 10

- Components of Windows 10 Desktop
- Desktop Background
- Icons
- Taskbar

## **MAY**

### Ch 2 Graphics in Word

- Shapes
- Inserting WordArt
- Inserting Pictures
- Inserting Symbols

PRACTICAL: MS Word

## **JULY**

### Ch 3 Tables in Word

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- Inserting a Table
- Entering Data into Table
- Selecting Cells, Rows, Columns and Table
- Inserting Rows or Columns
- Deleting Rows or Columns
- Changing Column Width and Row Height
- Merging Cells
- Splitting Cells
- Moving and Resizing Table
- Applying Border and Shading
- Table Styles
- Aligning text in a table

PRACTICAL: MS Word

## **AUGUST**

### Ch 4 Introduction to Powerpoint 2016

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- Starting PowerPoint 2016
- Components of PowerPoint Window



- Creating a New Presentation
- Entering Data on the Slide
- Slide Layout
- Adding a New Slide
- Deleting a Placeholder
- Deleting a Slide
- Viewing Slide Show
- Saving a Presentation
- Opening a Saved Presentation
- Exiting PowerPoint
- Delivering a Presentation

PRACTICAL: MS Powerpoint

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## **SEPTEMBER**

REVISION FOR MID TERM EXAM

### **MID TERM EXAM SYLLABUS**

Ch 1 More on Windows 10

Ch 2 Graphics in Word

Ch 3 Tables in Word

Ch 4 Introduction to Powerpoint 2016

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Practical: MS Word, Powerpoint

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## **OCTOBER**

Ch 5 More on Internet

- Uses of Internet
- Requirements to Connect to Internet
- Common Terms

## **NOVEMBER**

Ch 6 Visual Processing

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- Picture Puzzle
- Directions and Maps

Ch 7 Blocks in Scratch

- Coding Blocks

- Motion Blocks
- Looks Blocks
- Sound Blocks
- Events Blocks
- Control Blocks

PRACTICAL: Scratch

## **DECEMBER**

Ch 8 Introduction to Kodu Game Lab

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- What is Kodu?
- Starting Kodu
- Tutorial on Kodu
- Creating a Game on Kodu

PRACTICAL: Kodu Game lab

Ch 9 AI Timeline

- Developments in AI
- Planners in the field of AI

## **JANUARY**

Ch 10 AI and Non-AI Robots

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- Types of Robots
- Differences between AI and Non AI Robots

## **FEBRUARY**

- 
- REVISION FOR FINAL TERM EXAM

FINAL TERM EXAM SYLLABUS

Ch 5 More on Internet

Ch 9 AI Timeline

Ch 10 AI and Non-AI Robots

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## **GENERAL KNOWLEDGE**

TEXTBOOK - GAIN THE KNOWLEDGE  
PUBLISHER - AARYAN PUBLICATIONS

## TERM I

### Unit-I Life Skills

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

### Unit-II Nature

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

### Model Test Paper-1

### Unit-III My Country and the World

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

### Unit-IV Nature

19. Women Pride
20. Cities and Landmarks

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

Model Test Paper-2

CURRENT AFFAIRS

## **TERM II**

Unit-IV Sports and Entertainment

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

Unit-V Science and Technology

41. Our Body Parts

42. Solar Energy

43. Medical Machine

44. Special Vehicles

Unit-VI English and Literature

45. Play with Words

46. Spell Bee

47. Word Game

48. Getting Words right

49. Read it to Know it

50. Abbreviations

Unit-VII Logical Reasoning

51. Balance the Scale

52. Changing Shapes

53. Guess it to get it

54. Mind Boggler

55. Solve the Maze

56. Number Puzzles

57. Find the Relationship

58. Observation Fun

59. Phobias

60. Tech Round Up

61. Boost your brain

62. I love my Parents

63. Current Affairs

Model Test Paper-3

## CURRENT AFFAIRS

### 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

<b>MONTH</b>	<b>ART FILE TOPIC</b>
<b>April</b>	Colour Wheel
	Warm / Cool Colours
	Facial Expressions
	Art Day Practice - Garden Scene, Night Sky
<b>May</b>	Stick Drawing
	Origami - bird
	Under Water Scene
<b>July</b>	Rainy Day
	Pencil Shave Work
	Pencil Shading
	Helicopter
<b>August</b>	Independence Day Drawing
	Rakhi Making
	Janmashtami Drawing
	Book Mark
<b>September</b>	Teachers Day Card
	Birds
	Cotton Pasting
	Rangoli Design
	Dusshera Scene
<b>MONTH</b>	<b>ART FILE TOPIC</b>
<b>October</b>	Diwali Scene
	Poster Making - Save Water
	Fruit Basket
	Vegetable Basket
<b>November</b>	Landscape
	Story Drawing
	Doodle Art
	Sea Scape
<b>December</b>	Winter Season
	Circus Scene
	Christmas Tree Craft
	Christmas Scene
	Pattern Drawing
<b>January</b>	Lohri Scene

	Boy Flying Kite
	Republic Day Drawing
	Waste Art
<b>Febuary</b>	Birthday Cake
	Basant Panchmi
	Farm Scene
	Madhubani

### **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**

#### **Page no**

3.Duck

4 Pretty Peacock

5.Daffodil

6. Sweet Home

7 Bird

8 Landscape

15.Elephant

16. Breezy Day

- 17.Penguin
- 18. My Garden
- 19. Sun
- 20.Tree
- 21.Hut
- 22.Spider Man

## **TERM -2**

### **Page no**

- 9. Woman and Girl
- 10. Butterfly
- 11. Flower Pot
- 12. Parrot
- 13. Mother and Baby Elephant
- 14. Still Life
- 15.Fruits
- 16. Warli Art
- 25 Dragonfly
- 26.Village
- 27.Popsicle Bat
- 28 Fish
- 29. Book Mark
- 30.Wind Chime