

AVB PUBLIC SCHOOL



SYLLABUS

(SESSION 2022-2023)

CLASS -V

ENGLISH

TERM – I (APRIL - SEPTEMBER)

APRIL – MAY

MCB	L- 1 Dad and the Cat and the Tree (Poem) L-2 Peter’s Coal- Mine
LITERATURE	L-1 Talking Drums
GRAMMAR	<ul style="list-style-type: none"> • Nouns- Kinds, Numbers, Genders • Punctuation • Articles • Pronouns • Picture Composition
SPEAKING SKILL	<ul style="list-style-type: none"> • Self-Introduction • Collect information about any two coal mines in India. Illustrate with pictures. Make a presentation and share it in the class.
CREATIVE SKILL	<ul style="list-style-type: none"> • <u>Celebrating World Health Day–</u> Preparation of healthy salad and detox lemonade.
LEARNING OUTCOMES	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Connect ideas through reading and interaction, with personal experience. • Increase their verbal proficiency. • Improve their listening skills.

JULY

MCB	L-3 Haunted L-4 Fable (Poem)
LITERATURE	L-3 Gulliver’s Voyage to Brobdingnag
GRAMMAR	<ul style="list-style-type: none"> • Sentences and its formation • Tenses – (Present, Past and Future) • Formal Letter
SPEAKING SKILL	<ul style="list-style-type: none"> • <u>Class Discussion-</u> Topic - ‘How to cope up with stress.’ Take help of pictures.
CREATIVE SKILL	<ul style="list-style-type: none"> • Make a pictorial ‘Noun Folder’ depicting different kinds of Nouns.
LEARNING OUTCOMES	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Use meaningful sentences to narrate factual/ imaginary situations in speech and writing. • Use their imagination and creativity in writing. • Self – edit their oral and written matter.

AUGUST	
MCB POEM	L-5 The Wonderful Weaver L-6 A Promise Fulfilled
LITERATURE	L-4 School Breaks Up
GRAMMAR	<ul style="list-style-type: none"> • Adjectives • Homophones • Pictorial story
SPEAKING SKILL	<ul style="list-style-type: none"> • <u>Celebrating Janmashtami:</u> Write a paragraph on the topic 'How I celebrated Krishna Janmashtami'.
CREATIVE SKILL	<ul style="list-style-type: none"> • <u>Designing an Advertisement-</u> Design an attractive advertisement for a product of your choice. Share its features on A3 size sheet.
LEARNING OUTCOMES	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Develop confidence and ability to speak spontaneously. • Discuss and present orally and then write answers to text based questions. • Understand the complex problems in simplified way through visualization.
SEPTEMBER	
REVISION FOR TERM-I EXAMINATION	
TERM – II (OCTOBER - FEBRUARY)	
OCTOBER	
MCB POEM	L-7 In Perfect Balance L- 8 I'm Glad I'm Living Now, Not Then! (Poem)
LITERATURE	L-6 The Why-Why Girl
GRAMMAR	<ul style="list-style-type: none"> • Adverbs • Tenses (Perfect Tense) • Paragraph Dictation
SPEAKING SKILL	<ul style="list-style-type: none"> • <u>Poem Recital</u> – Environmental Issues. • Design a pamphlet on the theme "Protecting our Cultural Heritage" with a catchy slogan.
CREATIVE SKILL	<ul style="list-style-type: none"> • <u>Class Presentation:</u> Collect information on any two prestigious awards given in India for Sports. Share the information with the help of flash cards.

LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Enrich vocabulary by participating in activities which involves English language. • Use verbs and adverbs in your speech and writing. • Learn to use punctuation marks appropriately in writing.
NOVEMBER	
MCB Poem	L-9 How Much Land Does a Man Need?
LITERATURE	L-8 Yuuki and the Tsunami
GRAMMAR	<ul style="list-style-type: none"> • Tenses – Perfect Tense (Past, Present and Future) • Informal Letter
SPEAKING SKILL	<ul style="list-style-type: none"> • <u>Inculcate Good Manners –</u> Discuss and share the good qualities that a child should possess to be appreciated in the class and at home too.
CREATIVE SKILL	<ul style="list-style-type: none"> • <u>One – Act Play -</u> Choose any mythological character and present one act play in the class.
LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Presenting their views on a given topic confidently. • Create meaningful sentences to narrate incidents. • Understand the importance of keeping a cheerful and positive attitude.
DECEMBER	
MCB POEM	L-10 The Flute Player L-11 Indian Weavers (Poem)
LITERATURE	L-10 The Post Office
GRAMMAR	<ul style="list-style-type: none"> • Conjunctions • Interjection • Picture Composition
SPEAKING SKILL	<ul style="list-style-type: none"> • Take a tour of your kitchen and make a collage on different things that are kept in the kitchen apart from utensils. Share their uses in the class. • Share your first experience in the kitchen when you prepared something for your family.
CREATIVE SKILL	<ul style="list-style-type: none"> • Arrange sequence of pictures correctly and write a meaningful story.

LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Converse with different people through dialogues. • Ask and respond to questions based on texts and other resources. • Improve communication skills and develop self-confidence.
JANUARY	
MCB	L-12 A Merry Christmas
GRAMMAR	<ul style="list-style-type: none"> • Prepositions • Listening Comprehension • Paragraph Writing
SPEAKING SKILL	<ul style="list-style-type: none"> • Prepare flash cards on different conjunctions and make a wall hanging. • A good way to understand idioms is to put them together to form a story. Prepare a story using idioms and narrate in the class.
CREATIVE SKILL	<ul style="list-style-type: none"> • <u>Bravery Act-</u> Think of a situation where you were scared to attempt something new. Write the situation and how did you overcome the fear.
LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Develop creative thinking and apply the narrative writing style. • Read aloud stories with appropriate pause, intonation and pronunciation. • Write creatively using rich vocabulary on remaining loyal in different situations.
FEBRUARY	
REVISION FOR TERM-II EXAMINATION	
PERIODIC TEST – 1	MCB - L-2 Peter’s Coal- Mine Poem - Dad and the Cat and the Tree L. Reader - L-1 Talking Drums Grammar - Nouns – Kinds, Numbers, Genders, Articles, Pronouns, Tenses, Punctuation

<p>TERM-I</p>	<p>MCB - L- 2 Peter’s Coal- Mine L- 3 Haunted L- 5 The Wonderful Weaver L- 6 A Promise Fulfilled</p> <p>Poem- Dad and the Cat and the Tree Fable</p> <p>L. Reader - L- 1 Talking Drums L- 2 Gulliver’s Voyage to Brobdingnag L- 4 School Breaks Up</p> <p>Grammar – All the topics done in Term – I</p> <p>Reading- Comprehension Passage</p> <p>Writing – Formal Letter</p>
<p>PERIODIC TEST – 2</p>	<p>MCB - L- 7 In Perfect Balance</p> <p>Poem - I’m Glad I’m Living Now, Not Then!</p> <p>L. Reader - L- 6 The Why-Why Girl</p> <p>GRAMMAR - Nouns – Kinds, Numbers, Genders, Articles, Adverbs, Conjunctions, Tenses (Perfect tense)</p>
<p>TERM-II</p>	<p>MCB - L- 7 In Perfect Balance L- 9 How Much Land Does a Man Need? L- 10 The Flute Player L- 12 A Merry Christmas</p> <p>Poem - I’m Glad I’m Living Now, Not Then! Indian Weavers</p> <p>L. Reader - L- 6 The Why-Why Girl L- 8 Yuuki and the Tsunami L- 10 Post Office</p> <p>Grammar- All the topics covered in Term-I and Term - II</p> <p>Reading- Comprehension Passage</p> <p>Writing – Informal Letter</p>

HINDI

प्रथम सत्र (अप्रैल – सितम्बर)

अप्रैल – मई

पाठ्य पुस्तक : पाठ –1 बच्चे मन के सच्चे (कविता)

पाठ – 2 योग का कमाल

पाठ – 3 भूकंप

व्याकरण : भाषा लिपी और व्याकरण, वर्ण विचार, संज्ञा, प्रार्थना पत्र

वाचन कौशल : **You Tube** पर 'बच्चे मन के सच्चे' गीत देखिए और उसे याद कर समूह गीत के रूप में गाइए।

रचनात्मक कौशल : भूकंप के कारण, प्रभाव और बचाव की जानकारी इकट्ठी करके एक **PPT** बनाकर कक्षा में दिखाई जाएगी।

शिक्षण उद्देश्य : (1) योग के महत्व पर बल देना।
(2) आत्मविश्वास व नैतिक व्यवहार पर जोर देना।
(3) आपदा आने पर धैर्य एवं साहस का विकास करना।

जुलाई

पाठ्य पुस्तक : पाठ – 4 सच्चा मित्र (कविता)

पाठ – 5 परीक्षा

पाठ – 6 जब मैंने खरगोश पाला

व्याकरण : सर्वनाम, विलोम शब्द, विराम चिह्न

वाचन कौशल : कक्षा 1-5 के लिए आपका चयन हैड बॉय/हैड गर्ल के रूप में हुआ है। आप इसके लिए एक भाषण तैयार कीजिए।

रचनात्मक कौशल : कल्पना कीजिए कि आपने अपने घर मछलियाँ पाली हैं। उसके बारे में बताते हुए अपने नानाजी को पत्र लिखिए।



- शिक्षण उद्देश्य :**
1. छात्रों में मैत्री गुणों का विकास करना।
 2. बच्चों को सच्चाई का महत्व बताना।
 3. छात्रों में जीवों के प्रति दया की भावना का विकास करना।

अगस्त-सितम्बर

- पाठ्य पुस्तक :**
- पाठ – 7 डॉक्टर नीम
पाठ – 8 धरती के रक्षक (कविता)
- व्याकरण :** पर्यायवाची, लिंग, अनुच्छेद
- वाचन कौशल :** 'पेड़ लगाओ, पेड़ बचाओ' से संबंधित विषय पर कविता प्रतियोगिता का आयोजन करना।
- रचनात्मक कौशल :** जंक फूड से तौबा 'चित्रकथा पढ़कर उसे नाट्य रूप में प्रस्तुत करना।

- शिक्षण उद्देश्य :**
1. छात्रों को पर्यावरण संरक्षण के प्रति प्रेरित करना।
 2. पौधों का औषधीय महत्व बताना।
 3. पत्र लेखन की जानकारी देना।
 4. समाचार पत्र पढ़ने के लिए प्रेरित करना।

द्वितीय सत्र अक्टूबर – फरवरी

अक्टूबर

- पाठ्य पुस्तक :**
- पाठ – 9 सरकस का मज़ा
पाठ – 10 सच का प्रभाव
- व्याकरण :** विशेषण, परिवारिक पत्र, विराम चिहन्
- वाचन कौशल :** 'बुराई पर अच्छाई की जीत' से संबंधित कहानी सुनाइए और उससे संबंधित चित्र भी दर्शाइए।



रचनात्मक कौशल : 11 अक्टूबर को अंतराष्ट्रीय बालिका दिवस मनाया जाता है। उससे संबंधित सामग्री एकत्रित कर एक प्रोजेक्ट बनाइए।

- शिक्षण उद्देश्य :**
- (1) छात्रों में चिन्तन शक्ति का विकास करना।
 - (2) सच्चाई का महत्त्व बताना।
 - (3) वन्य जीव के प्रति संरक्षण हेतु प्रेरित करना।

नवम्बर

पाठ्य पुस्तक : पाठ-11 चंद्रगुप्त का न्याय
पाठ-12 पानी रे पानी (कहानी)

व्याकरण : वचन, क्रिया

वाचन कौशल : 12 नवम्बर को कक्षा में 'राष्ट्रीय पक्षी दिवस' पर भाषण प्रतियोगिता का आयोजन करवाया जाएगा।

रचनात्मक कौशल : 'पानी बचाओ जीवन बचाओ' विषय पर 2 रंगीन पोस्टर बनाइए।

- शिक्षण उद्देश्य :**
- (1) छात्रों को साहस एवं न्याय का महत्त्व बताना।
 - (2) जल संरक्षण का महत्त्व बताना।
 - (3) रचनात्मक एवं भौतिक अभिव्यक्ति का विकास करना।
 - (4) साहित्य में रुचि जाग्रत करना।

दिसम्बर

पाठ्य पुस्तक : पाठ-13 प्रदूषण हटाओ (कविता)
पाठ-14 मछली की खेती

व्याकरण : अनेक शब्दों के लिए एक शब्द, विराम चिह्न, अनुच्छेद लेखन

वाचन कौशल : ऐसा चित्र बनाइए जिसमें प्लास्टिक के प्रयोग पर रोक का संदेश दिखाया गया हो, उस संदेश को कक्षा में पढ़कर भी सुनाइए।

रचनात्मक कौशल : वन महोत्सव पर कक्षा में नाटक प्रतियोगिता का आयोजन करना।

- शिक्षण उद्देश्य :**
- (1) प्रदूषण से बचाव हेतु चेतना का विकास करना।



- (2) वाक् पटुता एवं कार्यकुशलता को बढ़ावा देना।
- (3) लेखन कार्य करते समय विराम चिह्नों का यथास्थान प्रयोग करना।

जनवरी फरवरी

- पाठ्य पुस्तक** : पाठ-15 सौम्या की डायरी से
पाठ-16 दोहावली
- व्याकरण** : मुहावरे, समरूपी भिन्नार्थक शब्द
सम्पूर्ण व्याकरण की पुनरावृत्ति
- वाचन कौशल** : कक्षा में दोहा गायन प्रतियोगिता का आयोजन करना।
- रचनात्मक कौशल** : मकर संक्रांति के अवसर पर 'अंतर्राष्ट्रीय पतंग महोत्सव' मनाया जाता है। इसके बारे में बताते हुए अपने मित्र को पत्र लिखिए।
- शिक्षण उद्देश्य** :
- (1) डायरी लेखन द्वारा पर्यटन के इतिहास एवं कला की जानकारी देना।
 - (2) दोहो के माध्यम से छात्रों को नीतिगत बातें सिखाना।
 - (3) पत्र लेखन की जानकारी देना।
 - (4) चिंतन, मनन एवं कल्पना करने की क्षमता का विकास करना।

प्रथम इकाई परीक्षा पाठ्यक्रम

- पाठ-1 बच्चे मन के सच्चे (कविता)
- पाठ-2 योग का कमाल
- व्याकरण – भाषा लिपि और व्याकरण, संज्ञा, प्रार्थना पत्र, अपठित गद्यांश)

द्वितीय इकाई परीक्षा पाठ्यक्रम

- पाठ-9 सरकस का मजा
- पाठ-10 सच का प्रभाव
- व्याकरण – विशेषण, पारिवारिक पत्र, विराम चिह्न, वचन, अपठित गद्यांश

MATHEMATICS**TERM – I (APRIL – SEPTEMBER)****APRIL- MAY****Ch-1
MORE ON LARGE NUMBERS**

- 5 and 6 digit numbers
- Indian and International system
- Place Value and Face Value
- Expanded Form
- Comparing Numbers
- Forming Numbers
- Roman numerals

**Ch-2
ADDITION AND SUBTRACTION**

- Adding and Subtracting 7 and 8 digit numbers
- Addition using Lattice method
- Estimation in operations on numbers
- Story sums

WORKBOOK**Pg No. 1 – 8,11,13****APPLIED MATHS**

- Cross word grid puzzle of Place value of numbers

CREATIVE SKILL

- Writing date of birth in Roman numeral.

**LEARNING
OUTCOMES****Learners will be able to:-**

- Read, write and compare numbers using place value.
- Differentiate between place value and face value of numbers.
- Solve simple daily life problems/situations based on addition and subtraction.
- Write hindu Arabic number in Roman numerals.

JULY**Ch-3
MULTIPLICATION AND DIVISION**

- Properties of multiplication
- 3 and 4 digit multiplier
- Properties of division
- Division by 2 digit number
- Estimating product and quotient
- Story sums

Ch-6 Factors AND MULTIPLES	<ul style="list-style-type: none"> • Tests of divisibility with factors • Prime and composite numbers • HCF AND LCM Word Problem
WORKBOOK	Pg No. 9,10,14-21, Revision Test -1 (Page-38)
APPLIED MATHS	<ul style="list-style-type: none"> • A letter corresponds to a digit, write the digits in the place of the letters and rectify the multiplication error.
CREATIVE SKILL	Maths lab activity- make a factor grid.
LEARNING OUTCOMES	<p>Learners will be able to: -</p> <ul style="list-style-type: none"> • Multiply and divide large number • Divide a number by another number using different methods like equal grouping or repeated subtraction and by using inter-relationship between division and multiplication. • Find LCM AND HCF of numbers. • distinguish between prime and composite number.
AUGUST	
Ch-4 FRACTIONS	<ul style="list-style-type: none"> • Converting improper fractions and mixed fractions • Comparison of fractions • Arranging fractions in ascending and descending order • Addition and subtraction of fractions • Multiplication and division of fractions • Word problem
Ch-8 LINES AND ANGLES	<ul style="list-style-type: none"> • Types of lines • Types of angles • Measurement of angles • Triangle and its types • Symmetry in 3D shapes • Reflection and rotation of 2D shapes • Nets
WORKBOOK	Pg No. 22,25-31,48-50
APPLIED MATHS	<ul style="list-style-type: none"> • Making nets of different 3D shapes using graph paper.
CREATIVE SKILL	<p><u>Flash card-</u></p> <ul style="list-style-type: none"> • Making flash cards of fractions and arranging them in ascending and descending order.

LEARNING OUTCOMES	Learners will be able :- <ul style="list-style-type: none"> • To apply various mathematical operations on fractions. • Compare fractions • Measure angles using protector • Draw line of symmetry in different shapes.
SEPTEMBER	
REVISION FOR TERM-I EXAMINATION	
TERM – II (OCTOBER – FEBRUARY)	
OCTOBER	
Ch-5 DECIMALS	<ul style="list-style-type: none"> • Understanding Decimals • Tenths, Hundredths and Thousandths • Converting fractions to decimals and vice versa • Decimal and fractional expansions • Like and Unlike decimals • Comparing and ordering decimals • Addition, Subtraction and Multiplication of Decimals
WORKBOOK	Pg No 35- 37
APPLIED MATHS	<ul style="list-style-type: none"> • <u>Worksheet on decimals.</u>
CREATIVE SKILL	<ul style="list-style-type: none"> • Arranging decimal numbers on the abacus using bindis.
LEARNING OUTCOMES	Learners will be able to:- <ul style="list-style-type: none"> • Express a given fraction in decimal notation and vice versa. • Understand the role of the decimal point and the relationship among tenths, hundredths, and thousandths.
NOVEMBER	
Ch-9 METRIC MEASURES	<ul style="list-style-type: none"> • Measurement of Length, Weight and Capacity • Conversion of metric units • Addition & Subtraction of Length, Weight and Capacity • Multiplication & division of metric measures
Ch-10 PERIMETER, AREA AND VOLUME	<ul style="list-style-type: none"> • Perimeter of rectangle, square and triangle • Area of rectangle, square and triangle. • Volume of cube and cuboid
Workbook	Pg No. 44 - 47 , 51-57

APPLIED MATHS	<ul style="list-style-type: none"> Record the weight of any 4 members of your family in kg and convert it into grams.
CREATIVE SKILL	<ul style="list-style-type: none"> Make a 3D model of cube or cuboid and write its volume.
LEARNING OUTCOMES	<p>Learners will be able to:-</p> <ul style="list-style-type: none"> Solve problems involving daily life situations related to length, distance, mass and capacity involving four basic arithmetic operations. Explore the area and perimeter of simple geometrical shapes in terms of given shape as a unit.
DECEMBER	
Ch-13 REPRESENTATION OF DATA	<ul style="list-style-type: none"> Pictograph Bar graph Lie graph Pie chart
Ch-14 PATTERNS	<ul style="list-style-type: none"> Number patterns Progressive pattern Tiling pattern Making border strips
WORKBOOK	Pg No. 23-24 , 59 - 63
APPLIED MATHS	<p>Let's Do It:- Make a pie chart to represent the percentage of each gases present in air.</p>
CREATIVE SKILL	Make a tiling pattern using waste cloth.
LEARNING OUTCOMES	<p>Learners will be able to:-</p> <ul style="list-style-type: none"> Understand different ways of summarizing data. Understands the concept of pattern based analysis and design. Learns that design patterns are solutions, and they can solve many problems faced in the future.
JANUARY	
Ch- 11 Time and Money	<ul style="list-style-type: none"> Converting bigger units of time into smaller units and vice versa. The 24-hour clock. Addition and Subtraction of time Adding, subtracting and multiplying money
WORKBOOK	Pg No. 32 – 34, 39- 43
APPLIED MATHS	<p>Let's Do It:- Worksheet on money.</p>
CREATIVE SKILL	Let's Do It:-

	Prepare a table of your daily routine. Mention the number of hours you spend on each activity and convert it into minutes.
LEARNING OUTCOMES	<p>Learners will be able to:-</p> <ul style="list-style-type: none"> • Relate 24 hour clock with respect to 12 hour clock. • Convert bigger units of time into smaller and vice versa. • Learn how to add and subtract money in real world situations. • Solve the problems based on money in daily life situations.
FEBRUARY	
REVISION FOR TERM-II EXAMINATION	
PERIODIC TEST-I	Ch-1 MORE ON LARGE NUMBERS Ch-2 ADDITION AND SUBTRACTION
TERM-I	Ch-1 MORE ON LARGE NUMBERS Ch-2 ADDITION AND SUBTRACTION Ch-3-MULTIPLICATION AND DIVISION Ch-4 FRACTIONS Ch-6 FACTORS AND MULTIPLES Ch-8 LINES AND ANGLES
PERIODIC TEST- II	Ch-5 DECIMALS Ch-9 METRIC MEASURES
TERM-II	Ch-5 DECIMALS Ch-9 METRIC MEASURES Ch-10 PERIMETER, AREA AND VOLUME Ch- 11 TIME AND MONEY Ch-13 REPRESENTATION OF DATA Ch-14 PATTERNS

ENVIRONMENTAL STUDIES

TERM-I (APRIL-SEPTEMBER)

APRIL – MAY

Ch – 1 CHANGES IN A FAMILY	<ul style="list-style-type: none">• Members in a family• Family structures• Moving from place to place
Ch – 2 KNOWING OURSELVES AND OTHERS	<ul style="list-style-type: none">• Everybody is unique• Our likes and dislikes• How babies express themselves• Differences in ability• Helping the differently – abled
Ch – 5 HOW WE BREATHE	<ul style="list-style-type: none">• Respiratory system• Difference between breathing and respiration• Benefits of exercise• Blow hot, blow cold
CRITICAL THINKING SKILL	Group Discussion: Migration –Causes and Its effects
APPLICATION & CREATIVE SKILL	<ul style="list-style-type: none">• Project Work: Any famous personality with a disability.• Model Making- Prepare a model of the human respiratory system and explain its two parts.
LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none">• Understand about migration and displacement.• Differentiate between breathing and respiration.• Develop sensitivity towards people with disabilities.
JULY	
Ch- 3 FUN AND GAMES	<ul style="list-style-type: none">• Recreational activities -<ul style="list-style-type: none">➤ Reading books➤ Television and radio➤ Sports and games• Individual and team games• National sports teams• Team spirit• Sports for all• Local and traditional games of India

<p style="text-align: center;">Ch – 6 SENSES IN ANIMALS</p>	<ul style="list-style-type: none"> • Senses in different animals – <ul style="list-style-type: none"> ➤ Insects ➤ Butterflies ➤ Land animals and birds ➤ Water animals • How animals communicate • Sleep behavior
<p style="text-align: center;">Ch- 8 WORLD OF PLANTS</p>	<ul style="list-style-type: none"> • Reproduction in plants through seeds. • Structure of a seed • Germination • Dispersal of seeds • Reproduction without seeds
<p style="text-align: center;">Ch- 10 IMPORTANCE OF FOOD</p>	<ul style="list-style-type: none"> • How do we taste food? • Where does digestion begin? • Why do we need glucose? • Importance of a balanced diet. • Different food habits.
<p style="text-align: center;">CRITICAL THINKING SKILL</p>	<ul style="list-style-type: none"> • Group Discussion: Importance of balanced diet.
<p style="text-align: center;">APPLICATION & CREATIVE SKILL</p>	<ul style="list-style-type: none"> • Healthy Zone- Make Sprout Salad. • Collage Making: Collect photographs of different sports and prepare a collage.
<p style="text-align: center;">LEARNING OUTCOMES</p>	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Learn about the different ways of plant reproduction. • Explains the super senses and unusual features of animals. • Explain the importance of games, sports and team spirit. • Understand the importance of balanced diet.
AUGUST	
<p style="text-align: center;">Ch- 11 FOOD STORAGE AND PRESERVATION</p>	<ul style="list-style-type: none"> • Organic farming • Ways of preserving food • Wastage of food
<p style="text-align: center;">Ch-15 DISEASES</p>	<ul style="list-style-type: none"> • Communicable diseases • Infectious diseases caused by viruses, bacteria, protozoa. • Prevention and control of malaria • Non communicable disease • Deficiency diseases

	<ul style="list-style-type: none"> • Precautions against infectious diseases
Ch-21 FUELS	<ul style="list-style-type: none"> • Sources of energy <ul style="list-style-type: none"> ➤ Coal ➤ Petroleum ➤ Natural gas • Conserving fuels
LEARNING OUTCOMES	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Understand the ways of preserving the food. • Differentiate between communicable and non communicable diseases. • Know the importance of conserving fuels.
CRITICAL THINKING SKILL	<ul style="list-style-type: none"> • <u>Class Discussion:</u> Share information about any one initiative that is taken to stop wastage of food. • <u>Presentation:</u> Importance and conservation of Natural Resources
APPLICATION & CREATIVE SKILL	<ul style="list-style-type: none"> • <u>Chart making-</u> Prepare a chart on deficiency diseases.

SEPTEMBER

REVISION FOR TERM-I EXAMINATION

OCTOBER

Ch- 7 IMPORTANCE OF ANIMALS	<ul style="list-style-type: none"> • Usefulness of animals • Dependence of people on animals • Animals in danger • Saving animals
Ch-9 FOREST LIFE	<ul style="list-style-type: none"> • Importance of forest • Tribal life • The Chipko Andolan • Deforestation • Afforestation
Ch-12 FOOD FOR PLANTS AND ANIMALS	<ul style="list-style-type: none"> • Non-green plants • Insectivorous plants • Food chain • Food web
CRITICAL THINKING SKILL	<ul style="list-style-type: none"> • <u>Group Discussion:</u> Need and importance of Wildlife Sanctuaries and National Parks. • <u>Presentation:</u> Prepare a presentation on any one of the following- <ul style="list-style-type: none"> i) Dependence of people on animals.

	<ul style="list-style-type: none"> ii) Endangered animals iii) Protection of wildlife iv) Insectivorous plants
APPLICATION & CREATIVE SKILL	<ul style="list-style-type: none"> • Scrap Book: Lifestyle of tribal people of India (Food, Clothing, Occupation, Costume etc.)
LEARNING OUTCOMES	<p>Learners will be able to:</p> <ul style="list-style-type: none"> • Understand the dependence of people on animals. • Learn the lifestyle and occupation of tribal life. • Understand the process of photosynthesis.
NOVEMBER	
Ch- 14 FIBRES AND FABRICS	<ul style="list-style-type: none"> • Natural fibres – cotton, silk, linen, wool • Human made fibres
Ch – 16 SAFETY MEASURES	<ul style="list-style-type: none"> • First aid • Fractures and sprains • Burns • Wounds and bleeding • Measures of safety
Ch- 17 TIMES OF EMERGENCY	<ul style="list-style-type: none"> • Disasters - <ul style="list-style-type: none"> ➤ Earthquakes ➤ Tsunamis ➤ Landslides ➤ Floods ➤ Droughts ➤ Cyclones ➤ Fire • Coping with disasters
CRITICAL THINKING SKILL	<ul style="list-style-type: none"> • Let's Talk: Importance of first-aid kit both at home and in school.
APPLICATION & CREATIVE SKILL	<ul style="list-style-type: none"> • Scrap Book:- Prepare a scrap book on natural and manmade fibres.

LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Know about natural disasters and different steps to be taken during disasters. • Differentiate between natural fibres and manmade fibres. • Learn about first aid and its importance.
DECEMBER	
Ch- 18 WATER IN OUR LIVES	<ul style="list-style-type: none"> • Sources of water • Water sources in ancient times • Modern techniques to draw water. • Irrigation • Water harvesting
Ch- 19 PROPERTIES OF WATER	<ul style="list-style-type: none"> • Measuring water • Water – the universal solvent
Ch- 20 LIFE IN WATER	<ul style="list-style-type: none"> • Aquatic plants • Floating plants • Emergent plants • Plants that grow near water bodies • Aquatic animals • Stagnant water and diseases
CRITICAL THINKING SKILL	<ul style="list-style-type: none"> • Group Discussion: Importance and conservation of Natural Resources
APPLICATION & CREATIVE SKILL	<ul style="list-style-type: none"> • Flash Card Presentation : Aquatic plants and animals • Slogan-Writing – ‘Save Water’
LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Understand the properties of water and differentiate between soluble and insoluble substances. • Know about different ways of irrigation. • Learn about aquatic plants and animals.
JANUARY	
Ch- 22 THE SPIRIT OF ADVENTURE	<ul style="list-style-type: none"> • Mountaineering • Preparing for a trek • Conservation of mountains and forests
Ch- 24 WEATHER AND CLIMATE	<ul style="list-style-type: none"> • Weather - <ul style="list-style-type: none"> ➤ Seasons ➤ Land breeze and sea breeze

	<ul style="list-style-type: none"> ➤ How weather affects us ➤ Weather instruments ➤ How are clouds important? • Climate - <ul style="list-style-type: none"> ➤ How climate affects us ➤ Climate zones on the earth
CRITICAL THINKING SKILL	<ul style="list-style-type: none"> • <u>Class Discussion</u>: Importance and protection of ozone layer.
APPLICATION & CREATIVE SKILL	<u>Project</u> : Write the biography of any one of the mountaineer.
LEARNING OUTCOMES	Learners will be able to: <ul style="list-style-type: none"> • Know about different adventurous activities and training required for the activities. • Understand about land breeze and sea breeze.
FEBRUARY	
REVISION FOR TERM-II EXAMINATION	
PERIODIC TEST – I	Ch - 1 Changes in a family Ch - 2 Knowing ourselves and others Ch - 5 How we breathe
TERM-I	Ch - 3 Fun and games Ch - 6 Senses in animals Ch - 8 World of plants Ch - 10 Importance of food Ch - 11 Food storage and preservation Ch - 15 Diseases Ch - 21 Fuels
PERIODIC TEST – II	Ch - 7 Importance of animals Ch - 9 Forest Life Ch - 12 Food for plants and animals

TERM-II	Ch- 12 Food for plants and animals Ch - 14 Fibres and fabrics Ch - 17 Times of emergency Ch - 18 Water in our lives Ch - 19 Properties of water Ch - 20 Life in water Ch- 22 The spirit of adventure Ch- 24 Weather and Climate
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GENERAL KNOWLEDGE

TERM-I (APRIL TO SEPTEMBER)

MONTHS	TOPICS	PAGE NO.
APRIL – MAY	Unit – 1 Flora and Fauna	5 – 9
	Unit – 8 Life Skills and Personality Development	35 – 36
	Unit – 2 Science and Technology	10 – 14
JULY	Unit – 3 Exploring India	15 – 20
	Unit – 4 Exploring the World	21 – 24
	Assignment – I	25
AUGUST	Unit – 5 Sports and Entertainment	26 – 28
	Unit – 6 Language and Literature	29 – 31
	Unit – 7 Mental Ability	32 – 34
	Assignment – II	37
	Quiz Contest – I	38

TERM-II (OCTOBER TO FEBRUARY)

MONTHS	TOPICS	PAGE NO.
OCTOBER	Unit – 1 Flora and Fauna	39 – 43
	Unit – 8 Life Skills and Personality Development	69 – 70
	Unit – 2 Science and Technology	44 – 48
NOVEMBER	Unit – 3 Exploring India	49 – 53

	Unit – 4 Exploring the World	54 – 57
	Assignment – III	58
DECEMBER	Unit – 5 Sports and Entertainment	59 – 62
	Unit – 6 Language and Literature	63 – 66
JANUARY	Unit – 7 Mental Ability	67 – 68
	Assignment – IV	71
	Quiz Contest – II	72

COMPUTER SKILLS

TERM-I (APRIL – SEPTEMBER)

MONTH	Chapter Name	Lab Skills
APRIL -MAY	Ch-1 History of Computers <ul style="list-style-type: none"> • Ancient Calculating Machine • Generations of Computers • Types of Computers 	Lab Activity Page no 11
	Ch-6 Introduction to Ms-Excel <ul style="list-style-type: none"> • Spread sheet & its components • Editing & Formatting of spreadsheet • Autofill 	Page No Page 73-74
JULY	Ch-2 More Features of Windows 10 <ul style="list-style-type: none"> • Windows 10 Desktop Components • Windows 10 applications • Virtual Desktops 	Lab Activity Page 20 -21
AUGUST	Ch-4 Mail Merge <ul style="list-style-type: none"> • Creating Letter using the Mail Merge Tool • Typing 	Lab Activity Page 45
SEPTEMBER	Worksheet 1 (Pg 92-93) REVISION FOR TERM- I EXAMINATION	
TERM-II (OCTOBER – FEBRUARY)		
OCTOBER	Ch-5 Making Presentations in Powerpoint <ul style="list-style-type: none"> • Stages of creating presentations • Aware Rules • Understanding & avoiding plagiarism 	Lab Activity Page 57
NOVEMBER- DECEMBER	Ch-3 Advanced Scratch Programming <ul style="list-style-type: none"> • Capture of Input from User • Conditional Statements • Variables & Operators 	Lab Activity Page 35-36
JANUARY	Ch-7 Internet & Email <ul style="list-style-type: none"> • Search Engines • Send & Receive Emails 	Lab Activity Page 86
FEBRUARY	Worksheet 2 (Page 94) Worksheet 3 (Page 95)	

<p><u>PERIODIC TEST –1</u> Ch -1: History of computers Ch -6: Introduction To Ms-Excel</p> <p><u>TERM -I</u> Ch -1 History of computers Ch-2 More Features of Windows 10 Ch-4 Mail Merge Ch-6 Introduction To Ms-Excel ❖Worksheet -1 (92-93)</p>	<p><u>PERIODIC TEST –2</u> Ch-3 Advanced Scratch Programming Ch -5 Making presentation in PowerPoint</p> <p><u>TERM -II</u> Ch-3 Advanced Scratch Programming Ch 5 Making Presentation in PowerPoint Ch 7 Internet & Email. ❖ Worksheet 2 (Page 94) ❖ Worksheet 3 (Page 95)</p>
LIFE SKILLS	
TERM-I (APRIL TO SEPTEMBER)	
MONTHS	TOPICS
APRIL	L-1 Staying Healthy L-2 Devoted Towards God
JULY	L-3 Fulfill Promises L-4 Be Focused
AUGUST	L-5 Help Others L-6 Be Loyal
TERM-II (OCTOBER TO FEBRUARY)	
MONTHS	TOPICS
OCTOBER	L-7 Respect Honesty L-8 Wittiness
NOVEMBER	L-9 Work Independently L-10 Working as Team
DECEMBER	L-11 Obey Your Teachers L-12 Cleaning India

MUSIC	
TERM-I (APRIL TO SEPTEMBER)	TERM-II (OCTOBER TO FEBRUARY)
<p style="text-align: center;">MUSIC SKILLS</p> <p>Revision of all Alankars</p> <p style="text-align: center;">MUSICAL THEME</p> <ul style="list-style-type: none"> • Motivational Song – Zindagi me jeena hai to • Patriotic song - Hai preet jahan ki reet sada • Folk song - kau din uth gyo. <p style="text-align: center;">KNOWLEDGE OF MUSIC</p> <ul style="list-style-type: none"> • Definition of term – Aroh , Avroh , Pakad <p style="text-align: center;">RHYTHMIC KNOWLEDGE</p> <ul style="list-style-type: none"> • Taal - Keharwa with beats play on Hands <p style="text-align: center;">LEARNING OUTCOMES</p> <ul style="list-style-type: none"> • To develop enthusiasm among children towards hard work. • To introduce them with folk music of India. • To enhance their knowledge of classical music with taal. 	<p style="text-align: center;">MUSIC SKILLS-</p> <p>Revision of all Alankars</p> <p style="text-align: center;">MUSICAL THEME-</p> <ul style="list-style-type: none"> • Bhajan – Mera Appki kripa se • Sargam song - Raag Bilawal • National Song - Vande Matram <p style="text-align: center;">KNOWLEDGE OF MUSIC</p> <ul style="list-style-type: none"> • Types of laya - Vilambit , Madhaya , Drut <p style="text-align: center;">RHYTHMIC KNOWLEDGE</p> <ul style="list-style-type: none"> • Taal - Teentaal with beats play on Hands <p style="text-align: center;">LEARNING OUTCOMES</p> <ul style="list-style-type: none"> • To introduce them with Raag of Indian music. • To develop spiritual and patriotic interest. • To learn to play taal on hands.
SPORTS	
TERM I (APRIL – SEPTEMBER)	TERM II (OCTOBER – FEBRUARY)
*Sarvang asana, Goumukhasana, Halasana	* Veerbhadra asana, Noukasana, Chakrasana
* Service in badminton	* Marching skill
* Wall Ball test	* Juggling in badminton
* Lezium exercise	* Zig zag run
* Mass P.T	* Batton relay race
* Hurdle race	* Backward & forward running
LEARNING OUTCOME:	LEARNING OUTCOME:
1. To maintain the body posture.	1. To maintain their body balance.
2. To improve the flexibility of joints.	2. To develop the coordinative ability

ART EDUCATION

APRIL -SEPTEMBER

SKETCHING SKILL	<ul style="list-style-type: none">• Free hand sketching• Nature study
COLOURING SKILL	<ul style="list-style-type: none">• Colours combination• Colour Pencil Shading
CRAFT WORK	<ul style="list-style-type: none">• Sticking work• Free hand design
INNOVATIVE WORK	<ul style="list-style-type: none">• Artistic paintings
LEARNING OUTCOMES	<ul style="list-style-type: none">• Using art to communicate ideas• To develop knowledge and understanding of colours
OCTOBER - FEBRUARY	
SKETCHING SKILL	<ul style="list-style-type: none">• Composition• Step by step sketching
COLOURING SKILL	<ul style="list-style-type: none">• Artistic textures
CRAFT WORK	<ul style="list-style-type: none">• Clay pot decoration• Folk Art
INNOVATIVE WORK	<ul style="list-style-type: none">• Innovative sketching with colour texture
LEARNING OUTCOMES	<ul style="list-style-type: none">• To develop sense of 3D craft skills• To develop fine motor skills

DANCE

TERM 1 (APRIL – SEPTEMBER)

- ❖ Technical skills of Classical Dance
 - SarikaAdavu
 - Tattamettu Adavu
- ❖ Western Dance :Hip-Hop
- ❖ Creativity through hasta mudras and expression
 - 12 Samyukta Hasta Mudra
- ❖ Awareness of our own culture through folk dance
- ❖ Creativity on bollywood songs

TERM II (OCTOBER-FEBRUARY)

- ❖ Recreate your own steps on the classical dance taught earlier
- ❖ Body movements and hand gestures
 - Bhramari adavu
- ❖ Traditional regional dance through activity
- ❖ Different rhythm patterns
 - Teermanam adavu
- ❖ Creativity through hasta mudras and expression
 - 24 Samyukta Hasta Mudra