



Learning Outcomes

Class – V

<i>Class V</i>	<i>Subject :English</i>	
TIME PERIOD	CONTENT	LEARNING OBJECTIVES
April – May	<p>Literature:(Nature)</p> <ul style="list-style-type: none"> ➤ L- Alice and the Mouse ➤ L- Turning the Tide ➤ Poem – Echoing Green ➤ Unseen Passage <p>Grammar:</p> <ul style="list-style-type: none"> ➤ Creative Writing (Notice Writing) ➤ Nouns (Kinds of Nouns , Number and Gender) <p>Activity:</p> <ul style="list-style-type: none"> • Noun Town (Identifying and Sorting the Kinds of Nouns) • Endangered Species (related to lesson – Turning the Tide) • Planning a birthday party, listing the items to be included and then segregating them into Countable and Uncountable Nouns 	<p><u>Students will be able to :</u></p> <p>(Listening Skills)</p> <ul style="list-style-type: none"> ➤ listen and comprehend new vocabulary ➤ visualize meanings and feelings ➤ enjoy language sounds through poetry recitation and reading of the lesson ➤ identify main ideas ➤ formulate questions ➤ judge characters; compare and contrast ➤ listen attentively to others during an activity ➤ recognize speaker’s purpose and tone <p>(Speaking Skills)</p> <ul style="list-style-type: none"> ➤ understand simple spoken English ➤ recite the poem with proper intonation ➤ express opinions and speak comprehensibly ➤ use vocabulary appropriately ➤ develop their sociolinguistic competency ➤ respond to comprehension questions related to stories and poems, in home language/English/ sign language, orally and in writing (phrases/ short sentences) <p>(Reading Skills)</p> <ul style="list-style-type: none"> ➤ develop reading speed ➤ build vocabulary ➤ infer the meaning of unfamiliar words by reading them in context

		<ul style="list-style-type: none"> ➤ discuss and respond to content of the text orally and in writing ➤ identify the topic and main idea in the text ➤ understand the importance of conserving environment and the species living in it <p>(Writing Skills)</p> <ul style="list-style-type: none"> ➤ express their ideas in writing ➤ learn to write short notices ➤ develop understanding of nouns (singular / plural and genders) in written form ➤ acquire understanding of how to frame short sentences ➤ improve creative and imaginative skills ➤ draw/ write a few words/short sentences in response to poems and stories
<p>July -- August</p>	<p>Literature: (Celebrations)</p> <ul style="list-style-type: none"> ➤ L- Damon and Pythias ➤ L- Children of India ➤ Poem- A Christmas Wish <p>Grammar:</p>	<p><u>Students will be able to:</u></p> <p>(Listening Skills)</p> <ul style="list-style-type: none"> ➤ listen and comprehend new words ➤ understand and follow the rules of an activity ➤ listen critically to others' ideas and opinions ➤ interpret the story of the chapters

July – August

- Creative Writing : Extended Composition (Writing Informal Letter) and Paragraph Writing using hints
- The Sentences and Types of Sentences
- Subject and Predicate
- Kinds of Adjectives and Degrees of Adjectives
- Tenses: Simple, Continuous (Present, Past, Future)
- Articles

Activity:

- **Activity: Awesome Adjectives** (Students will be asked to describe any object / person using adjectives)
- **Activity: Creative Writing** (Describing any scene / incident using Present Continuous Tense)
- **Art Integration:** Draw and colour three objects which take article ‘A’ before them and three objects which take article ‘AN’.
- **Speaking Activity:** Related to Lesson—Damon and PythiasStudents will be asked to narrate any memorable incident related to their best friend.

- enjoy recitation of poem with correct pronunciation and intonation
- identify the sentences structured wrongly and will know how to edit them by rearranging

(Speaking Skills)

- converse using the correct verbs in simple and continuous forms. They will be well aware of instances as to where to use simple tenses and where to apply continuous tense.
- develop interpersonal communication skills
- discuss and describe the characters of the story in simple sentences
- practice fluency in a variety of ways through repeated oral reading
- answer the questions asked by the teacher in English

(Reading Skills)

- utilize digital literacy tools to develop reading and vocabulary skills
- recognize the words and correlate them with daily life
- read aloud with appropriate pronunciation and pause
- read and understand sentences written on the green board
- recognize and classify words with consonant and vowel sound and will be able to use articles appropriately before them

(Writing Skills)

- write sentences using correct form of verbs

		<ul style="list-style-type: none"> ➤ identify the difference between four kinds of sentences and will know their apt use. ➤ frame short answers of the questions ➤ engage in creative writing ➤ make use of new words while writing
<p>September-October</p>	<p><i>Literature: (Technology)</i></p> <ul style="list-style-type: none"> • L- M.O.M in Orbit • L- The Other Side of Scientists • Poem- Game-addiction <p>Grammar:</p> <ul style="list-style-type: none"> • Punctuation • Pronouns • Question Tags • One Word Substitution • Creative Writing with Hints <p>Activity:</p> <ul style="list-style-type: none"> • Activity : The Other Side of Scientists (Learners will be asked to make a profile sheet of any one of their favourite scientists mentioned in the lesson) 	<p><u>Students will be able to :</u> (<i>Listening Skills</i>)</p> <ul style="list-style-type: none"> ➤ listen and comprehend a passage ➤ understand and follow the instructions ➤ know about variety of scientists briefly--- their inventions and discoveries and their funny side ➤ perceive instructions given by the teacher during the activity ➤ concentrate on the message, keeping their thoughts from wandering off ➤ enjoy language sounds through poetry recitation and reading of the lesson ➤ visualize meanings and feelings <p>(<i>Speaking Skills</i>)</p> <ul style="list-style-type: none"> ➤ understand the use of punctuation marks while speaking ➤ select, compile and synthesize information for an oral presentation ➤ frame more rhyming words ➤ use grammatical structures appropriately while speaking ➤ identify characters and ask questions about the lesson ➤ handle group discussion effectively

	<ul style="list-style-type: none"> • Group Discussion: Do you think your studies or health can get affected if you play video games for long durations???? • Pronoun Power: Students will take turns making a statement about someone in class but using a pronoun instead of their name. After each sentence, other class members will try to guess who the speaker is talking about. 	<p>(Reading Skills)</p> <ul style="list-style-type: none"> ➤ read story without teacher’s assistance ➤ express orally her/his opinion/understanding about the story and characters in the story, in English/ home language ➤ read and pick rhyming words in the poem ➤ connect, reflect and enact through personal experiences ➤ grasp new words <p>(Writing Skills)</p> <ul style="list-style-type: none"> ➤ use dictionary to find out spelling and meaning ➤ use punctuation marks such as question mark, full stop, comma, exclamation mark and capital letters wherever necessary ➤ compose and write simple, short sentences ➤ use meaningful short sentences in English, orally and in writing ➤ use a variety of nouns, pronouns and punctuation marks in context as compared to previous class
	<p>Literature:(Learning)</p> <ul style="list-style-type: none"> ➤ L- The Cop and the Anthem ➤ L- Adrift at Sea ➤ Poem- The Road Not Taken 	<p><u>Students will be able to:</u></p> <p>(Listening Skills)</p> <ul style="list-style-type: none"> ➤ listen and mark sentences right or wrong ➤ acquire the ability to listen and respond orally and in writing/lip read where necessary ➤ listen and reorder the jumbled incidents of the story ➤ identify characters and sequence of events in a story ➤ involve actively in classroom discussions

November- December

Grammar:

- Prepositions
- Homophones
- Direct and Indirect Speech
- Tenses: Present, Past and Future Perfect Tense
- Creative Writing : Message Writing

Activity:

- **Fluent U: L- The Road Not Taken:** Students will be provided an opportunity to share their experiences when they had to choose between two options
- **Newspaper Activity** (Prepositions)—Students will be asked to take a newspaper clipping and mark as many prepositions as they may identify in that clipping.
- **Art Integration:** Learners will be asked to explain at least 7-8 homophones by pasting mini photographs of variety of living and non-living objects.
- **Speaking + Writing Activity: Message Writing:** A pair of learners will be asked to act out a short telephonic conversation and listening to that, other class members will write their message.

- listen to simple instructions, announcements in English made in class/school and act accordingly
- understand the use of different pair of words
- discuss and respond to content of lesson or listening passage

(Speaking Skills)

- convey the message using simple language
- answer coherently in written or oral form to questions in English based on day-to-day life experiences, unfamiliar story, poem heard or read
- develop audio- visual perception
- develop linguistic and comprehension skills
- start using dictionary to find out spelling and meaning
- enrich vocabulary observing their surroundings
- develop their kinesthetic skills
- ponder and narrate their previous life experiences when they had to make choices and take crucial decisions
- deliver dialogues of telephonic conversation confidently

(Reading Skills)

- read small texts in English with comprehension i.e. identify main idea, details and sequence and draw conclusions in English
- recite poems individually/ in groups with correct pronunciation and intonation
- enrich vocabulary in English mainly through telling and re-telling stories

		<p>(Writing Skills)</p> <ul style="list-style-type: none"> ➤ write a short message after grasping the same from telephonic conversation ➤ write meaningful and grammatically correct sentences to describe and narrate incidents; and for framing questions ➤ use dictionary to find out spelling and meaning ➤ write sentences using correct prepositions ➤ use correct pair of words while framing sentences
<p>January - February</p>	<p>Literature: (Art and Culture)</p> <ul style="list-style-type: none"> ➤ L- Leonardo da Vinci ➤ L- Joseph and the Truth Stick ➤ Poem: Wandering Singers <p>Grammar:</p> <ul style="list-style-type: none"> ➤ Conjunctions ➤ Interjections ➤ Kinds of Adverbs and Comparison of Adverbs <ul style="list-style-type: none"> ➤ Extended Composition – Formal Letter to Principal for various reasons ➤ Diary Entry 	<p><u>Students will be able to :</u></p> <p>(Listening Skills)</p> <ul style="list-style-type: none"> ➤ perceive instructions given by the teacher during the activity ➤ enjoy the presentation of friends during the activities. ➤ develop a liking for India art and culture ➤ improve their general knowledge ➤ imbibe good moral values ➤ enjoy language sounds through poetry recitation and reading of the lesson ➤ express their emotions correctly by learning interjections <p>(Speaking Skills)</p> <ul style="list-style-type: none"> ➤ learn how to deliver dialogues effectively with proper voice modulation ➤ learn how to dramatize situations ➤ discuss about a hobby ➤ play role of different characters ➤ speak few short sentences about the actions performed

Activity:

- **Creative Writing: Diary Entry** –Students will be left free to pen down their unforgettable experiences and few instances will be shared too to help them write their diary entry
- **Art Integration:** Students will be asked to draw emoticons depicting various interjections.
- **Activity: Add On an Adverb---**Students will be given some phrases and will be asked to add adverbs to them to add to their meaning.
- **Role Play:** L-Joseph and the Truth Stick
- **Students will be made to watch a small documentary on Leonardo da Vinci depicting his life story.**
- **Smart Class Modules** (Conjunctions)

➤ tell the answers with correct pronunciation

(Reading Skills)

- discuss and respond to content of the text orally and in writing
- develop reading skills
- read and pick various parts of speech in the lessons
- enrich vocabulary
- read aloud with appropriate pronunciation and pause

(Writing Skills)

- write the character sketch of the main characters of the story
- develop skill of framing questions from the given passage
- take dictation of words/phrases/sentences
- enhance linguistic skills
- answer coherently in written or oral form to questions in English based on day-to-day life experiences, unfamiliar story, poem heard or read



Class V

Subject : Science

TIME PERIOD

CONTENT

LEARNING OBJECTIVES

April - May

L- Plants : Increasing The Number

- New plants from seeds
- Seed germination
- Dispersal of seeds
- Crops and vegetables
- Protection of crops and their storage

ACTIVITY: To find out the conditions necessary for the germination of a seed.

L – Food and Health

- A balanced diet
- Keeping fit
- Diseases and their prevention
- Vaccination

ACTIVITY: Create your own video to spread awareness on prevention against COVID – 19.

L – Safety and First Aid

- First aid for minor cuts,sprains,fracture
- For burns
- For fire fighting
- For snake bite

ACTIVITY: Make your own fire extinguisher.

Students will be able to :

- identify some seed producing plants
- study the various stages in the germination of a seed
- experimentally find out the conditions necessary for germination
- learn about the two types of crops and the ways of seed dispersal

- understand the importance of a balanced diet
- understand the importance of keeping fit
- learn about how to protect himself / herself from common diseases

- learn the importance of first aid
- learn about road signs
- handle common emergencies at home ,school or on the playground
- Administer first aid.
- Appreciate the value of human life

<p>July- August</p>	<p>L – Solids , Liquids and Gases</p> <ul style="list-style-type: none"> • Matter , molecules and atoms • Solids in water • Liquids in water • Gases in water • Heating and cooling <p>ACTIVITY : To test the solubility of solids and liquids in water.</p> <p>L – Soil Erosion and Conservation</p> <ul style="list-style-type: none"> • Soil erosion • Causes of soil erosion • Methods to conserve soil <p>ACTIVITY : Design e-poster on various methods of soil conservation using MS-word.</p> <p>L - Rocks and Minerals</p> <ul style="list-style-type: none"> • Kinds of rocks • Igneous , sedimentary and metamorphic rocks • Minerals and its kind • Conservation of natural resources <p>ACTIVITY : Birdseed Mining Activity</p>	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> ➤ differentiate between atoms and molecules ➤ understand the arrangement of molecules in solids , liquids and gases ➤ learn about the solubility of solids , liquids and gases in water ➤ distinguish between physical and chemical changes ➤ identify factors that cause soil erosion ➤ realize the harmful effects of soil erosion ➤ take steps to prevent soil erosion ➤ identify the different kinds of rocks ➤ comprehend how different types of rocks are formed ➤ understand the use of natural resources and its conservation
<p>September - October</p>	<p>L- Animals Everywhere</p> <ul style="list-style-type: none"> • Breathing in animals • Feeding habits in animals • Migration among animals <p>ACTIVITY : Prepare a power point presentation (ppt) on migratory bird and find interesting facts about it.</p>	<p><u>Students will be able to :</u></p> <ul style="list-style-type: none"> ➤ study the different ways in which animals breathe ➤ study the feeding habits of animals ➤ relate the types of limbs to the types of movement in animals

	<p>L – Our Skeletal System</p> <ul style="list-style-type: none"> • Organ system • The skeleton • Functions of the skeleton • Joints and its kinds • Muscles and movement <p>ACTIVITY : Role play on types of joints – find information about any one joint with their characteristic features.</p>	<ul style="list-style-type: none"> ➤ appreciate the amazing phenomenon of migration ➤ understand that our body is a wonderful machine ➤ recognize the different kinds of bones and joints and learn about their functions ➤ realize the importance of well developed muscles
November - December	<p>L – Changes In Our Environment</p> <ul style="list-style-type: none"> • Greenhouse gases • Global warming • Pollution • Steps to control pollution <p>ACTIVITY : Make your own natural colours from vegetables and flowers. GO GREEN – SAY NO TO ARTIFICIAL COLOURS'</p> <p>L – Our Life Supports</p> <ul style="list-style-type: none"> • Air around us • Layers of atmosphere • Composition of air • Properties of air • Purification of water <p>ACTIVITY : Make your own 'water filter '</p> <p>L – Our Nervous System</p> <ul style="list-style-type: none"> • The brain • The spinal cord and nerves 	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> ➤ understand the concept of greenhouse effect ➤ know the concept of global warming ➤ know the various ill effects of global warming ➤ know the various steps to reduce global warming ➤ know about pollution and how to control and prevent it ➤ know the composition of air and its uses ➤ observe the properties of air by experimenting ➤ understand the simple process of removal of impurities from water ➤ know the importance of the human nervous system ➤ learn the functions that our brain performs

	<ul style="list-style-type: none"> • Sense organs and their care <p>ACTIVITY : To make a mobile hanger of nervous system.</p>	<ul style="list-style-type: none"> ➤ understand the need to take care of our sense organs
<p>January - February</p>	<p>L- Force and Energy</p> <ul style="list-style-type: none"> • Types of forces • Simple machines • Types of energy • Law of conservation of energy <p>ACTIVITY : To make solar cooker and wind vane using old carton.</p> <p>L – Our Earth’s Natural Satellite</p> <ul style="list-style-type: none"> • The surface and phases of moon • Eclipses of the moon and the sun • Artificial satellites • Space travel <p>ACTIVITY : To find out the names , picture and details of any four artificial satellites.</p> <p>L – Natural Disasters</p> <ul style="list-style-type: none"> • Earthquakes • Volcanoes • Tidal waves • Drought <p>ACTIVITY : Write a report on safety measures which can be taken during an earthquake. Take help from newspapers or the internet.</p>	<p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> ➤ know different types of forces ➤ identify the types of simple machines commonly used ➤ learn about the different types of energy <ul style="list-style-type: none"> ➤ know about the moon and the satellites ➤ distinguish between solar and lunar eclipses ➤ know the purpose of sending artificial satellites into space ➤ spread awareness about India’s contribution to space research <ul style="list-style-type: none"> ➤ identify different types of natural disasters ➤ know what is seismograph ➤ know how an earthquake occurs ➤ know the different types of volcanoes ➤ know the ill effects of tidal waves and drought

Class V**Subject : Maths**

TIME PERIOD	CONTENT	LEARNING OBJECTIVES
April – May	<ul style="list-style-type: none"> ❖ Numbers Around Us <ul style="list-style-type: none"> ➤ Indian Place Value chart ➤ International Place value chart ➤ Relating Indian and International Place value chart ➤ Activity – Make a list of population of 10 countries and write their population in both Indian and International System of numeration. ❖ Playing with Numbers <ul style="list-style-type: none"> ➤ Addition of Large numbers ➤ Subtraction of Large numbers ➤ Multiplication of Large numbers ➤ Division of numbers ➤ Word problems of four operations ➤ Estimation of sum, difference, product and quotient of numbers ➤ Activity- Decoding using four basic operations ➤ Table of 12,13 and 14 	<p><u>Students will be able to:-</u></p> <ul style="list-style-type: none"> ➤ Understand Indian and International Place Value System. ➤ Read and write number names and numerals according to Indian and International Place Value System. ➤ Expand the number according to Indian and International Place Value System. ➤ Form number using given digits according to international numeration system. ➤ Relate Indian place value system to International system of numeration. ➤ Perform four operations on numbers having four or more digits by understanding the place value of numbers. ➤ Identify the correct arithmetic operation in a word problem and able to solve it. ➤ Estimate sum, difference, product and quotient of numbers.
July – August	<ul style="list-style-type: none"> ❖ Shapes and Figures <ul style="list-style-type: none"> ➤ Line, Line segment, ray ➤ Collinear and non collinear points ➤ Parallel, intersecting and perpendicular lines ➤ Activity - Draw different patterns using parallel, intersecting and perpendicular lines. ❖ Turns and Corners <ul style="list-style-type: none"> ➤ Types of angles 	<ul style="list-style-type: none"> ➤ Identify the difference between a line, line segment and a ray. ➤ Identify collinear and non-collinear points. ➤ Differentiate between different types of lines as parallel, intersecting and perpendicular lines. ➤ Locate objects around which gives an idea of a line, line segment, ray, parallel, perpendicular and intersecting lines.

	<ul style="list-style-type: none"> ➤ Construction of angles ➤ Measurement of angles ➤ Activity – Using straws to explain types of angles. ❖ Measuring Surfaces ➤ Area in terms of square centimeter and square metre ➤ Area of rectangle and square using formulae ➤ Word problems of area ➤ Activity - Drawing of pentominoes on grid ➤ Table of 15,16 and 17 	<ul style="list-style-type: none"> ➤ Identify angles formed in different objects around them. ➤ Define acute, obtuse, right, straight and complete angles. ➤ Use protractor for drawing and measurement of angles. ➤ Distinguish between the concept of perimeter and area. ➤ Understand the concept of area using tracing and drawing. ➤ Define units of area. ➤ Solve real life word problems based on area.
September-October	<ul style="list-style-type: none"> ❖ Whole and Parts ➤ Fractions as a part of whole as well as a group ➤ Equivalent Fractions ➤ Simplest form of fraction ➤ Comparison of fractions ➤ Classifying fractions ➤ Converting improper fraction to mixed fraction and vice versa ➤ Addition and subtraction of fractions ➤ Simple word problems involving fractions ➤ Activity - Paper folding to explain the concept of equivalent fractions. ❖ Multiples and Factors ➤ Factors ➤ Multiples ➤ Properties of factors and multiples ➤ Prime and composite numbers 	<ul style="list-style-type: none"> ➤ Understand the concept of fraction both as a part of a whole and as a part of a group. ➤ Define equivalent fraction. ➤ Generate many fractions equivalent to a given fraction. ➤ Write a fraction in the simplest form. ➤ Arrange the given fractions in order. ➤ Classify fractions into proper, improper and mixed fractions. ➤ Convert improper fraction into mixed fraction and vice versa. ➤ Add and subtract the given fractions. ➤ Solve simple word problems involving fractions. ➤ Observe number patterns in relation to multiples and factors and generalize their properties.

	<ul style="list-style-type: none"> ➤ Divisibility rules ➤ Prime factorization of a number ➤ Factor tree ➤ Activity – To find prime numbers from 1 to 100 by Eratosthene Sieve Method ❖ Decimal Fractions ➤ Relating fractions to decimals ➤ Converting fraction into decimal notation and vice versa ➤ Reading and writing decimal number ➤ Identifying and forming equivalent decimals of a given decimal ➤ Comparing decimal numbers ➤ Activity - Measure the length of a matchstick and a tooth pick using a ruler in cm and mm and convert into cm. ➤ Table of 18, 19 	<ul style="list-style-type: none"> ➤ Develop the skill to apply the concept of multiples and factors in the given situations. ➤ Explore the divisibility rules and understand the application. ➤ Find prime factors of given number. ➤ Acquire understanding about decimals. ➤ Relate fraction to decimals. ➤ Express a given fraction into decimal notation and vice versa. ➤ Read and write decimal numbers. ➤ Expand the decimal numbers for showing the place value of the digits. ➤ Identify and form equivalent decimals of a given decimal. ➤ Compare and arrange the given decimal numbers in ascending and descending order.
November- December	<ul style="list-style-type: none"> ❖ Operations with Decimal Fractions ➤ Addition of decimal numbers ➤ Subtraction of decimal numbers ➤ Word problems of addition and subtraction of decimal fractions ➤ Activity - Check the body temperature of your mother and father using digital thermometer 	<ul style="list-style-type: none"> ➤ Add decimal numbers with and without regrouping ➤ Subtract decimal numbers with and without regrouping ➤ Interpret and solve daily life situations related to addition and subtraction of decimals. ➤ Define symmetry ➤ Know how to draw one half of an object by looking at the other half.

	<p>and find the difference in body temperature of your mother and father</p> <ul style="list-style-type: none"> ❖ Symmetry <ul style="list-style-type: none"> ➤ Sorting symmetrical and non symmetrical objects ➤ Line of symmetry ➤ Rotational symmetry ➤ Continue the pattern ➤ Rotational Symmetry ➤ Activity - Paste pictures of five objects which have 2 lines of symmetry ❖ Boxes and Sketches <ul style="list-style-type: none"> ➤ 3D shapes through 2D shapes ➤ Activity- Take an empty tetra pack of juice. Cut and open to find the net of cuboid. ➤ Table of 20 	<ul style="list-style-type: none"> ➤ Identify rotational symmetry in geometric objects and real life examples. ➤ Create objects and symbols with rotational symmetry. ➤ Explore two-dimensional pictures and decide whether each image is symmetrical or not. ➤ Differentiate between 2-dimensional and 3-dimensional shapes ➤ Identify edges and corners of three dimensional shapes ➤ Create cube through origami
January - February	<ul style="list-style-type: none"> ❖ Measurement <ul style="list-style-type: none"> ➤ Conversion of Higher to Lower Unit ➤ Conversion of Lower to Higher Unit ➤ Measuring temperature ➤ Measuring time ➤ Activity - Note down the capacity of a small and a large tetra pack of juice. ❖ Data Handling <ul style="list-style-type: none"> ➤ Representing data in form of bar graph ➤ Representing data in form of pie chart ➤ Interpreting data from a bar graph 	<ul style="list-style-type: none"> ➤ Estimate and measure length, mass and capacity. ➤ Solve real life word problems based on measurement. ➤ Define units of length, mass and capacity and convert from one to another. ➤ State the freezing and boiling points of water on the Celsius and Fahrenheit temperature scales. ➤ Record information in his /her own ways. ➤ Collect and present data of a given situation from daily life experiences. ➤ Represent data in the form of bar graphs and pie charts.

- Interpreting data from a pie chart
- Recording information in a tally chart
- Interpreting data from a pictograph
- Activity – Draw tally mark table for the age of your 10 relatives

- Interpret a pictograph, bar chart and a pie chart.

Class V	Subject :S.St	
TIME PERIOD	CONTENT	LEARNING OBJECTIVES
April - May	<p>L- Know Your Planet</p> <ol style="list-style-type: none"> 1.Globe 2.Maps 3.Reading of Map <p><i>Activity: Map Work - Mark continents and oceans on the world map.</i> <i>Draw various Signs and Symbols used on map.</i></p> <p>L- Parallels and Meridians</p> <ol style="list-style-type: none"> 1.Numbering of Parallels 2.Numbering of Meridians 3. Locating Places <p><i>Activity : Make a Grid using colourful thread or wool</i></p> <p>L – Movements Of The Earth</p> <ol style="list-style-type: none"> 1. Rotation 2. Revolution <p><i>Activity : Torch and Globe activity</i></p>	<p><u>Students will be able to :</u></p> <ul style="list-style-type: none"> ➤ recognize how our planet looks like and relate to its various representations in the form of globe and maps. ➤ distinguish between globe and map. ➤ locate oceans and continents on map. ➤ enhance their Mathematical skills and visual spatial perception. ➤ explore their scientific knowledge. ➤ learn and recognize different signs and symbols used in maps ➤ exhibit their cognitive and artistic skills through different activities. <ul style="list-style-type: none"> ➤ locate places on the globe which will develop their critical thinking skills. ➤ explore the world around them (social awareness and scientific skills). ➤ understand the concept of latitudes and longitudes through hands on practice. ➤ visualize the difference between latitudes and longitudes (cognitive skills). ➤ develop their creative and artistic skill. ➤ number parallels and meridians which will enhance their mathematical skill. <ul style="list-style-type: none"> ➤ learn about the movements of the Earth. ➤ grasp knowledge about the importance of rotation and revolution of the Earth.

July- August

Model on change of seasons

L –Major Landforms

- 1.Mountains
- 2.Plateaus
- 3.Plains
- 4.Desert
- 5.Rivers

Activity: 'Explore the World' -List 3 interesting facts about

- i) Young and old mountains iii) Plateaus
ii) Deserts of the world iv) Rivers*

Draw three Courses of river in your notebook.

L – Weather and Climate

- 1.Climate
- 2.Factors influences climate
- 3.Heat Zone

Activity: Be a Meteorologist . –students will prepare forecast weather report

Draw a diagram of three heat zones

- demonstrate how Earth rotates creating day and night.
- explore their scientific knowledge
- understand the core concept of different seasons.
- reason why the Sun is in different places in the sky at different times of day.

Students will be able to :

- understand the various types of landforms.
- identify and memorize the important features of major landforms.
- develop their critical thinking skills.
- acquaint themselves with the world around them. (social awareness).
- understand the concept of Major Landforms by exploring print media.
- visualize the difference between various Landforms.(cognitive skills).
- exhibit their creative and artistic skill.
- enhance their Computer Aided Learning.
- acquire knowledge about the courses of river.

- understand the concept of weather and climate.
- identify and delineate the seven major climatic regions.
- Identify and describe the factors influencing climate using key vocabulary
- enhance their mathematical, linguistic and scientific skills..
- develop their visual spatial perception

L- Environmental Pollution

1. Air Pollution
2. Land Pollution
3. Water Pollution
4. Noise Pollution

Activity: 'Observe and categorize' (make a chart of environmental friendly and non environmental friendly things)

Ecofriendly Acts-Make any three eco- friendly things.

L - The Land of Sand

1. Saudi Arabia (location, land , climate, vegetation, wildlife, economic activities and life of People)

Activity : Captivating Collage 'Explore the Land of Sand- Saudi Arabia'

Life in Saudi Arabia –(pictorial presentation)

L- Let Us Meet

1. Marie Curie
2. Sushruta
3. Martin Luther
4. Savitribai Phule
5. Jane Austen
6. Rabindranath Tagore
7. Abraham Lincoln
8. Sarvepalli Radhakrishnan
9. Dhyan Chand

- use of creative tools that will excite artistic senses.
- acquire knowledge about three heat zones of the earth.
- know how latitude, altitude and ocean circulation affect climate.

Students will be able to :

- acquire knowledge on various types of pollution and its causes.
- involve themselves in innovative learning.
- grasp the concept using the skill learning by doing?.
- learn the ways to acquire knowledge about our environment
- explore the surroundings around them (social awareness).
- develop their critical thinking skills.

- acquire knowledge about the concepts like location, land, climate, vegetation, wildlife, economic activities and life of people in Saudi Arabia.
- grasp knowledge on various cities of Saudi Arabia.
- relate their life to the hard life of Bedouins (people of Saudi Arabia)
- amplify their understanding of the concept through their presentation which will develop their artistic and cognitive skills.
- improve their observational skills

- acquire knowledge about the life and achievements of famous personalities like

September- October

10.Sir Donald George Bradman

Activity: "Role play Activity-Students will conduct a role play activity on famous personalities like Social reformers , Scientists,sports persons ,authors,statesmen "

L- The Land of Snow-(location, land, climate, vegetation, wildlife, economic activities and life of people)

Activity :Power Point Presentation (PPT) on 5 interesting and unknown facts about Greenland and explanation of the above said facts through video

Inuit's House Artistry (summer and winter house)

L – The Treeless Grassland The Prairies(location, land, climate, vegetation, wildlife, economic activities and life of people

Activity: 'Scratch your knowledge' - Search and paste pictures of wildlife and vegetation of grassland areas of the world.

Map Activity- Locate major temperate grasslands of the world.

L- Natural Disasters

1. Earthquake
- 2.Drought
- 3.Flood
4. Cyclone
5. Safety measures during natural disasters

scientist , artists, social reformers ,sports persons , authors, statesmen .

- know about the various fields in which the contributions were made.
- gain knowledge about the biography of great personalities.
- enhance their vocabulary, linguistic skills and confidence.

Students will be able to :

- gain an understanding on location, land, climate, vegetation, wildlife and inhabitants of Greenland (social awareness)
- explore their creative skills and computer aided learning.
- learn the use of creative tools and technology that will excite artistic senses
- understand the variations in lifestyles of people across the world and value it.
- increase their General Knowledge.

- locate and identify the grasslands on the world map.
- label the temperate zone where the grasslands are located.
- acquire knowledge about the climate and natural surroundings that affect the lifestyle of the people.
- develop their creative, artistic and visual spatial perception skills.
- explore the areas for the location of different grasslands (social awareness)

November-December

Activity-'Siren Blow Activity' - A quick action will be taken by the students at the time of unreal earthquake.

Safety measures taken during natural disasters-- PPT will be shown related to various safety measures.Nature is Angry--Different types of natural disasters will be highlighted through a clip.

L-Transport and Communication

- 1.Transport
- 2.Communication
- 3.The story of communication

Activity-Biography of inventors –Pictorial presentation by searching the biography of a famous inventor along with its verbal explanation.

- identify and learn different natural disasters and the safety measures adopted during the disasters like cyclones, floods, droughts etc.
- act quickly and smartly during disasters .
- use creative tools like search engines that will excite artistic senses
- enhance their disaster management skills
- develop their general knowledge about the major natural disasters occurred in India during different years and their effects on life and property.
- enable learners to identify environmental problems, evaluate problem solving strategies and develop scientific solutions
- the capacity to work theoretically and practically in the process of disaster management and relate their interconnections with public health .

- explain the need for transportation and communication.
- classify and compare the characteristics of different modes of transport.
- amplify their knowledge of communication as a means of entertainment.
- explore their cognitive and creative skills.
- describe in detail , the story of communication.
- know about the importance of different modes of transport in our lives.
- classify and compare the characteristics of vehicles used in modes of transport.
- acquire suitable vocabulary related to transportation.

	<p>L- Governing Ourselves 1.Election System 2.Functioning of Cabinet</p> <p><i>Activity : <u>Role Play</u> by conducting Election System Make a chart on the three branches of GOVERNMENT (Judicial, Executive, Legislative)</i></p>	<ul style="list-style-type: none"> ➤ acquire knowledge about the biography of famous inventors ➤ identify and explain governance of the country at the Central and State levels ➤ acquire knowledge about process of forming government (election system) in India. ➤ increase their knowledge regarding Indian constitution. ➤ understand about the Democratic System in India. ➤ differentiate among the types of government in different nations
<p>January-February</p>	<p>L-The World from 1914 -1945 1.The First World War 2.The Inter-War Year 3.The Second World War</p> <p><i>Activity- .Paste pictures of Adolf Hitler and Benito Mussolini and explain how their ambitions were responsible for second world war. <u>Debate/Discussion</u> -Which government is more successful :Monarchy and Democracy ?</i></p> <p>L-United Nations 1.Functioning of UN 2.Agencies of UN</p> <p><i>Activity- <u>Mystery Box Activity</u> --Match the logos with various agencies of the UN and explain their functioning. Quiz will be conducted in the class regarding the organs ,functions and relations of nations with UN. Map Work – Mark member UN countries on political map of India.</i></p>	<ul style="list-style-type: none"> ➤ understand about number of members in Parliament and State Assemblies (Mathematical skills) <p><u>Students will be able to:</u></p> <ul style="list-style-type: none"> ➤ learn about the world events from 1914 to 1945. ➤ study the impact of these world events on world history. ➤ enhance their knowledge regarding some great politicians responsible for first and second world war. ➤ increase their knowledge about various types of governments. ➤ enhance their vocabulary , confidence and linguistic skills. ➤ understand the circumstances leading to the formation of the United Nations. ➤ enhance their knowledge about the objectives of UN.

L-Towards Freedom

- 1.Social and Religious reformers
- 2.Freedom Fighters of India

Activity- Enactment by the students on the 'Achievements of the freedom fighters'.

The students will explain the major contributions of freedom fighters towards the struggle for Independence. This will enhance their speaking skills.

L-India Wins Freedom

- 1.Partition of Bengal
- 2 .Movements of Gandhi ji
- 3.The revolutionaries
- 4.Jallianwala Bagh Massacre

Role of Gandhi Ji as a freedom fighter and an environmentalist.

Awareness Walk (FIT INDIA PLOG) --A walk to enhance cleanliness drive among the students and people

Pictorial Presentation on movements launched by Gandhi ji.

- develop their Mathematical skills and increase their general knowledge regarding the governing system in India. the organs, agencies and functioning of UN.
- develop their cognitive skills.
- participate in discussions and give a valuable presentations on the same.

- learn about the British rule over India.
- comprehend the reasons for Indians over British rule.
- reconstruct the reasons of the Revolt of 1857 and the understand outcome.
- learn about the contributions of our freedom fighters in struggle for freedom.
- comprehend the rise of nationalism in India.
- enhance their spoken skills in English.
- Learn their responsibilities being an Indian citizen . This will encourage them to abide by their duties

- understand the role played by various leaders in struggle for freedom.
- acquire acknowledge about the role of Mahatma Gandhi in attaining independence.
- describe the various movements of the freedom struggle.
- gain knowledge about the revolutionaries and the Indian National Army in the struggle for Independence.
- develop their cognitive skills.
- participate in discussions and give a valuable presentations on the same.
- enhance their vocabulary skills.

<i>Class V</i>	<i>Subject :Hindi</i>	
TIME PERIOD	CONTENT	LEARNING OBJECTIVES
April – May	<ul style="list-style-type: none"> ➤ पाठ- 1 नव इतिहास रचाएंगे (कविता) ➤ पाठ - 2 लाला पटेल की लाइबरी ➤ गतिविधि - विश्वप्रसिद्ध पुस्तकालयों के चित्र व उनकी जानकारी पाठ -3 मैं हूँ मुंबई ➤ गतिविधि - देश के विभिन्न महानगरों भौगोलिक,आर्थिक ,ऐतिहासिक जानकारी एकत्रित करना 	<ul style="list-style-type: none"> ➤ स्वरबद्ध तरीके से कविता का पठन -पाठन करेंगे । ➤ सत्य,परिश्रम और सेवा जैसे सद्गुणों का विकास होगा । ➤ देश के प्रति देश प्रेम व देश भक्ति का विकास होगा व्याकरण के अंतर्गत छात्र संज्ञा शब्दों को पहचानकर उनका प्रयोग जानेंगे । ➤ समाज सेवा,लगन आत्मविश्वास जैसे मूल्यों का विकास होगा आज़ादी से पूर्व की स्थिति से छात्र परिचित होंगे । ➤ पुस्तकालयों के नियमों की जानकारी होगी । ➤ व्याकरण के अंतर्गत वर्णविच्छेद,संज्ञा के भेद, सर्वनाम का ज्ञान होगा ➤ सांस्कृतिक विरासत के संरक्षण के महत्त्व को समझेंगे ➤ बहुभाषिकता के बारे में ज्ञान अर्जित करेंगे ➤ सहयोग, अनेकता में एकता जैसे मूल्यों का विकास होगा ➤ व्याकरण के अंतर्गत विशेषण-विशेष्य,उपसर्ग लगा नए शब्दों के निर्माण की विधि व अभ्यास होगा , अनौपचारिक पत्र , मुहावरे , अपठित गद्यांश ,संज्ञा , सर्वनाम , र के प्रकार ,समानार्थी (व्याकरण)

July –
August

- **पाठ- 4 समय मूल्यवान है (कविता)**
- **गतिविधि** - दिनचर्या,समय-तालिका बनाकर अपने कमरे में लगायेंगे

विभिन्न प्रकार की घड़ियों की जानकारी सचित्र

- **पाठ-5 गुलीवर की यात्रा**
- **गतिविधि** - अपनी यात्राओं के चित्रों का उपयोग करते हुए उन स्थानों का प्रेजेंटेशन बनाना
- **पाठ- 6 सागर तट के पेड़**
- **गतिविधि** - पेड़ पौधों की जानकारी एकत्रित करना

- छात्र को कविता का लयात्मक पठन-पाठन करने का अभ्यास होगा
- अनुशासन , समय का पालन ,परिश्रम ,गुणों की पहचान जैसे मूल्यों का विकास होगा ।
- छात्र समय के महत्त्व को जानेंगे ।
- छात्रों की अर्थ ग्रहण की क्षमता बढ़ेगी
- अनेकार्थी, काल , विलोम ,उपसर्ग (व्याकरण)
- रुचि ,सहृदयता ,मित्रता जैसे गुणों का विकास होगा ।
- सांकेतिक भाषा का ज्ञान अर्जित करेंगे ।
- व्याकरण के अंतर्गत छात्रों का कारक ,अनेकार्थी व अनौपचारिक पत्र की लेखन विधि का अभ्यास होगा ।
- प्रकृति प्रेम ,स्वस्थ जीवन शैली ,सागर तट के पेड़ों की जानकारी होगी ।
- छात्र वृक्षारोपण व वृक्षों के महत्त्व को जानेंगे ।
- व्याकरण के अंतर्गत श्रुतिसम भिन्नार्थक शब्दों ,क्रिया, विरामचिह्न का ज्ञान व अभ्यास होगा ।
- प्रत्यय लगाकर नए शब्दों के निर्माण का अभ्यास होगा ।
- वचन बदलो का अभ्यास होगा ।

September-
October

- **पाठ -7 बहू और बिल्ली (चित्रकथा)**

- जागरूकता ,सजगता ,संवेदना ,पशु-प्रेम जैसे मूल्यों का विकास होगा
- समाज में फैले अंधविश्वास तथा आडंबरों से छात्र अवगत होंगे
- भाषा की व्याकरणिक इकाइयों का उचित प्रयोग करना सीखेंगे
- व्याकरण के अंतर्गत विशेषण से भाववाचक संज्ञा बनाना सीखेंगे
- कहानी लेखन का विकास होगा
- छात्र प्रकृति-प्रेम ,सद्गुण बड़प्पन को अपनाने की सीख लेंगे

	<ul style="list-style-type: none"> ➤ पाठ -8 फूल और काँटा (कविता) <ul style="list-style-type: none"> ➤ गतिविधि - काँटों सहित और काँटों-रहित फूलों की जानकारी ➤ पाठ -9 शिष्टाचार 	<ul style="list-style-type: none"> ➤ सज्जन-दुर्जन की पहचान की जानकारी हासिल करेंगे ➤ व्याकरण के अंतर्गत लिंग बदलो,अनेकार्थी व वर्ग-पहेली सुलझाने की जानकारी प्राप्त करेंगे ➤ अनुशासन ,विनम्रता ,स्वाभिमान ,शिष्टता जैसे मूल्यों का विकास होगा ➤ छात्र को नए व कठिन शब्दों का ज्ञान व उनके प्रयोग की विधि ज्ञात होगी ➤ बच्चे अनुशासित व शिष्ट बनेंगे ➤ व्याकरण के अंतर्गत उपसर्ग,प्रत्यय,अपठित पदयांश का ज्ञान व अभ्यास करेंगे ➤ छात्र भारतीय सेना के पराक्रम को समझेंगे ➤ देश-प्रेम ,आशावादी दृष्टिकोण ,समर्पण ,बलिदान जैसे मूल्यों का विकास होगा ➤ व्याकरण के अंतर्गत छात्र विलोम ,वचन, मुहावरों का अभ्यास होगा
	<ul style="list-style-type: none"> ➤ पाठ -10 उम्मीद <ul style="list-style-type: none"> ➤ गतिविधि - किन्हीं दो प्रमुख वायु सेना महिला अफसर के चित्र व उनसे संबंधित जानकारी एकत्रित करना ➤ पाठ - 11 बाल कवि सम्मेलन 	<ul style="list-style-type: none"> ➤ पाठ का शुद्ध उच्चारण एवं भाव के साथ पठन करेंगे ➤ गलत सलाह से होने वाली परेशानियों से परिचित होंगे ➤ आत्म गौरव जैसे मूल्यों का विकास होगा ➤ व्याकरण अभ्यास के अंतर्गत छात्र समानार्थी ,विशेषण , मुहावरों का अभ्यास करेंगे ➤ मित्रता ,समाजसेवा ,स्वच्छता जिसे मूल्यों का विकास होगा ➤ कविता वाचन ➤ नए शब्दों का निर्माण करना सीखेंगे ➤ समानार्थी शब्द ,काल , विशेषण ,अशुद्धि शोधन ,औपचारिक पत्र (व्याकरण)

	<ul style="list-style-type: none"> ➤ पाठ -12 गिरगिट का सपना ➤ गतिविधि - विभिन्न वन्य प्राणियों की जानकारी ➤ पशु-पक्षियों पर बने किन्हीं पाँच मुहावरे लिखकर उनसे वाक्य बनाकर लिखें 	<ul style="list-style-type: none"> ➤ पाठ का शुद्ध उच्चारण एवं भाव के साथ पठन करेंगे ➤ गलत सलाह से होने वाली परेशानियों से परिचित होंगे ➤ आत्म गौरव जैसे मूल्यों का विकास होगा ➤ व्याकरण अभ्यास के अंतर्गत छात्र समानार्थी ,विशेषण , मुहावरों का अभ्यास करेंगे ➤ बच्चे संतोषी बनेंगे ➤ संतोष , प्रकृति प्रेम ,आत्म गौरव जैसे मूल्यों का विकास होगा ➤ गलत सलाह को मानने से होने वाली परेशानियों के बारे में जानकारी होगी ➤ अच्छा - बुरा पहचानेंगे ➤ समानार्थी ,विशेषण ,संज्ञा ,मुहावरे ,अनेकार्थी ,कारक ➤ भिन्नार्थक
November-December	<ul style="list-style-type: none"> ➤ पाठ -13 कबीर की वाणी (दोहे) ➤ (गतिविधि) - सीख देने वाले दोहों को संकलित कर कक्षा में अंताक्षरी का खेल ➤ पाठ - 14 हवा की दुनिया ➤ गतिविधि - पवन चक्की का चित्र बनाएँ ,रंग भरें व उसके प्रयोग और लाभ पर एक अनुच्छेद अपने शब्दों में लिखें 	<ul style="list-style-type: none"> ➤ पाठ में निहित मूल्यों को अपनाएंगे ➤ सत्या ,धैर्य ,मधुर वाणी जैसे मूल्यों को अपनाएंगे ➤ समानार्थी , वाक्यांशों के लिए एक शब्द ,अनुनासिक ,अनुस्वार ➤ शब्द (व्याकरण) ➤ आदर , जिज्ञासा , उत्साह जैसे मूल्यों का विकास होगा ➤ वैज्ञानिक मूल्यों का विकास होगा ➤ पाठ का शुद्ध उच्चारण के साथ पठन - पाठन ➤ छात्र चिंतन और तर्क सहित प्रतिक्रिया देने में सक्षम होंगे ➤ संयुक्त वर्ण , अनुच्छेद लेखन ,क्रिया विशेषण , मुहावरे , प्रश्नावली ➤ निर्माण, भिन्नार्थक शब्द , अपठित गद्यांश , अनुच्छेद संबंधबोधक , समुच्चयबोधक (व्याकरण)

<p>January - February</p>	<ul style="list-style-type: none"> ➤ पाठ - 15 पी.वी. सिंधु से भेंटवार्ता ➤ गतिविधि- विश्व प्रसिद्ध किन्ही दो बैडमिंटन खिलाड़ियों के चित्र अपनी उत्तरपुस्तिका में चिपकाए और उनके बारे में चंद पंक्तियाँ लिखें 	<ul style="list-style-type: none"> ➤ छात्र साक्षात्कार विधि से परिचित होंगे ➤ खेल भावना , अनुशासन ,लगन जैसे गुणों का विकास ➤ उपसर्ग ,अशुद्धि शोधन , परसर्ग ,आगत शब्द , अनुच्छेद ➤ सूची निर्माण (व्याकरण)
	<ul style="list-style-type: none"> ➤ पाठ - 16 मेरा देश (कविता) 	<ul style="list-style-type: none"> ➤ स्वरबद्ध तरीके से कविता वाचन ➤ देश प्रेम , गर्व ,सत्य , अहिंसा, समानता जैसे मूल्यों का विकास होगा ➤ देश की विशेषताओं और महान विभूतियों का परिचय ➤ वर्णविच्छेद , विराम चिह्न , कहानी लेखन , अपठित गद्यांश , चरित्र - चित्रण , संबंधबोधक , समुच्चयबोधक (व्याकरण)