



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

ANNUAL CURRICULUM PLAN

CLASS - V



ANNUAL CURRICULUM PLAN (2023-24)

CLASS: V

SUBJECT: ENGLISH

Book: New Learning to Communicate 5

Months: April – May

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| Literature <ul style="list-style-type: none">Lesson 1: Life's Lighter MomentsLesson 2: Too Many BooksPoem: Elephant Ride Grammar <ul style="list-style-type: none">Phrasal verbsHomophonesAdjectivesJumbled lettersAntonymsSynonyms Writing Skill <ul style="list-style-type: none">Describing an experience | The learner's will be able to – <ul style="list-style-type: none">Understand a humorous narrative.Trace the sequence of events.Identify announcements.Do pair work: asking and answering.Recite simple poems with correct pronunciation and intonation.Attempt creative writing. | ACTIVITIES <ul style="list-style-type: none">Role playPhilatelyDiscussion on animals RESOURCES <ul style="list-style-type: none">Reading activitiesWritten assignmentsNotebook workE-modulesStory telling | <ul style="list-style-type: none">Reading skillsListening skillsSpeaking skillsWriting skillsComprehension skillsLanguage development |

Months: July – August

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|---|--|---|
| <p>Literature</p> <ul style="list-style-type: none"> • Lesson 3: Plants that eat and Other Wonders • Lesson 4: I Became A Man • Poem: Day By Day I Float My Paper Boats <p>Grammar</p> <ul style="list-style-type: none"> • Spelling (scientific instruments) • Words that indicate occupation • Verbs • Odd one out • Collective nouns <p>Writing Skills</p> <ul style="list-style-type: none"> • Sentences on Likes and dislikes • Picture comprehension | <p>The learner's will be able to –</p> <ul style="list-style-type: none"> • Read independently with the correct pronunciation. • Frame relevant questions and answers. • Enjoy a poem imaginative and evaluative. • Differentiate between describing words and action words. • Relate the lessons to their childhood memories. • Articulate personal views. | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Herbarium file and description • Write a few lines on Rabindranath Tagore on a sheet and paste his pictures of Shanti Niketan. • Role play <p>RESOURCES</p> <ul style="list-style-type: none"> • Reading activities • Written assignments • Notebook work • E-modules • Story telling | <ul style="list-style-type: none"> • Reading skills • Listening skills • Speaking skills • Writing skills • Comprehension skills • Language development |

Months: September-October

| CONTENT | LEARNING OBJECTIVE | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <p>Literature</p> <ul style="list-style-type: none"> • Lesson 5 : Grandpa Tickles A Tiger • Lesson 6 : Delicious Buns <p>Grammar</p> <ul style="list-style-type: none"> • Abbreviations • Colocations • Words that indicate occupation • Adverbs <p>Writing skill</p> <ul style="list-style-type: none"> • Writing a paragraph | <p>The learner's will be able to –</p> <ul style="list-style-type: none"> • Read independently with appropriate expressions. • Comprehend simple texts and locate details. • Write well-structured paragraphs. • Recognize the joy that animals can bring to human beings. • Analyse the situation from a tiger's perspective. | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Prepare a poster to protest against tiger poaching and to raise awareness. • Make a recipe book on your favorite dish. <p>RESOURCES</p> <ul style="list-style-type: none"> • Reading activities • Written assignments • Notebook work • E-modules • Story telling | <ul style="list-style-type: none"> • Reading skills • Listening skills • Speaking skills • Writing skills • Comprehension skills • Language development |

Months: November-December

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <p>Literature</p> <ul style="list-style-type: none"> • Lesson 7: The Fisherman And The Goldfish • Lesson 8: Night flight • Poem: The Boy in The Blue Pullover <p>Grammar</p> <ul style="list-style-type: none"> • Suffix • Word association • Idiomatic expressions • Word grid <p>Writing Skill</p> <ul style="list-style-type: none"> • Writing about one-self | <p>The learner's will be able to –</p> <ul style="list-style-type: none"> • Recognize the bond between the fisherman and the goldfish. • Read the poem from the speaker's perspective. • Discuss a news article • Write meaningful grammatically correct sentences. • Relate the lessons with his/ her personal experiences. | <p>ACTIVITY</p> <ul style="list-style-type: none"> • Role play • Weather chart study • Make a scrapbook of different airlines and their logos. • Coin art <p>RESOURCES</p> <ul style="list-style-type: none"> • Reading activities • Written assignments • Notebook work • E-modules • Story telling | <ul style="list-style-type: none"> • Reading skills • Listening skills • Speaking skills • Writing skills • Comprehension skills • Language development |

Months: January-March

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <p>Literature</p> <ul style="list-style-type: none"> • Lesson 9: A Dog From Nowhere • Lesson 10: Bow Before A Hat • Poem: Coromandel Fishers <p>Grammar</p> <ul style="list-style-type: none"> • Phrasal verbs • Homonyms • Compound words • Analogies <p>Writing Skill Narrating a story</p> | <p>The learner's will be able to-</p> <ul style="list-style-type: none"> • Use different kinds of nouns, tenses and adverbs in writing. • Identify the poetic devices used. • Appreciate a story with a moral. • Construct a plot diagram of the story. • Analyse the characters. | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Make an advertisement on – “Lost Dog” • Role play • Label the oceans on an outline map of the world. <p>RESOURCES</p> <ul style="list-style-type: none"> • Reading activities • Written assignments • Notebook work • E-modules • Story telling | <ul style="list-style-type: none"> • Reading skills • Listening skills • Speaking skills • Writing skills • Comprehension skills • Language development |



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ANNUAL CURRICULUM PLAN(2023-23)
CLASS V
SUBJECT- MATHEMATICS

BOOK- LIVING
MATHS BY RATNA

APRIL-MAY

Months: July – August

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|--|---|--|
| Lesson 3 Multiples and Factors | <ul style="list-style-type: none"> • Factors and Multiples • Divisibility test • Prime Factorisation • Highest Common Factor • Least Common Multiples • Relation between HCF & LCM | <ul style="list-style-type: none"> • To find the lowest common multiple LCM | <ul style="list-style-type: none"> • Notebook Written Work • Assignments • Mental Maths • Conceptual clarity • Lab Activity • Project • Class Test/ Oral Test |
| Lesson 4 Fractions | <ul style="list-style-type: none"> • Types of fractions comparing and ordering fraction • Addition; subtraction; multiplication; division of fractions | <ul style="list-style-type: none"> • To multiply fractions | |
| Lesson 6 Symmetry, Patterns & Nets | <ul style="list-style-type: none"> • Line of Symmetry • Turning Shapes • Patterns • Nets • 3D shapes | <ul style="list-style-type: none"> • To create symmetry patterns in decorative items by using the paper cutting method | |
| Lesson 8 Measurement | <ul style="list-style-type: none"> • Measurement of length, mass(weight), capacity & speed; • Addition; subtraction; multiplication; division; word problem; | <ul style="list-style-type: none"> • To use a measuring tape or scale to measure things | |

Months: September-October

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|---|---|--|
| Lesson 5 Decimals Revision Work Term I Exam Lesson 7 Percentage Lesson 9 Area and Volume | <ul style="list-style-type: none"> Decimals; Reading & Writing; Place Value Number Line; Like, Unlike, Equivalent Decimals Comparing; ordering; Converting fractions to decimals & vice versa; Addition; Subtraction; Decimals in daily life. <ul style="list-style-type: none"> Percentage; converting fraction to percentage; Converting percentage to fraction; Converting decimals to percentage; Converting percentage to decimal; Finding the percentage of a given number <ul style="list-style-type: none"> Area of rectangle, square, composite figure, triangle, irregular figures, volume | <ul style="list-style-type: none"> To build decimal numbers <ul style="list-style-type: none"> To relate percentage to everyday life. <ul style="list-style-type: none"> To study the volume of solid shapes | <ul style="list-style-type: none"> Notebook Written Work Assignments Mental Maths Conceptual clarity Lab Activity Project Class Test/ Oral Test |

Months: November-December

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|--|---|---|--|
| <p>Lesson 11 Time and Temperature</p> <p>Lesson 12 Money</p> <p>Lesson 13 Data Handling</p> | <ul style="list-style-type: none"> • Unit of time interchanging unit; • Addition & subtraction of time • Profit and Loss • Profit Percentage and Loss Percentage • Bills • Drawing a bar graph, • Circle graph • Line graph | <ul style="list-style-type: none"> • To convert temperature from degree Celsius to degree Fahrenheit • To find the unit prices of different items and prepare a bill • To understand the concept of data collection by drawing bar graphs for students' hobbies. | <ul style="list-style-type: none"> • Notebook Written Work • Assignments • Mental Maths • Conceptual clarity • Lab Activity • Project • Class Test/ Oral Test |

Months: January-March

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|--|--|--|
| Chapter 14 Map Study Chapter 15 Algebra Revision Work Term II Exam | <ul style="list-style-type: none">• Maps, a component of the map, online maps, reading maps• Algebraic expression; Variables; Constants;• Terms of algebraic expression;• Kinds of algebraic expression;• Evaluation of Algebraic expression | <ul style="list-style-type: none">• Draw a map of your school showing your classroom library playground office• Make and find the rule that gives the number of matchsticks required to make the following patterns (A, T, L, Z).• Use a variable to write the rule. | <ul style="list-style-type: none">• Notebook Written Work• Assignments• Mental Maths• Conceptual clarity• Lab Activity• Project• Class Test/ Oral Test |

ANNUAL CURRICULUM PLAN (2023-24)

CLASS: V

SUBJECT: SCIENCE

Book: Wow! Science

April – May

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|--|---|---|--|
| Lesson -1 Animal Classification <ul style="list-style-type: none">Body TemperatureHours of ActivityPresence or Absence of BackboneAdaptation in Animals Lesson 2- Microorganisms <ul style="list-style-type: none">Types of microorganismsFood Preservation | <ul style="list-style-type: none">Enlist number of ways to classify animalsCompare the features of cold and warm blooded animalsUnderstand the active hours of animalsDistinguish between vertebrates and invertebratesExplain the adaptations in animalsRealise what are microorganismsTo know about different types of microbesUses and harmful effects of microorganismsDiseases caused by microorganismsLearn about different methods of food preservation | ACTIVITIES <ul style="list-style-type: none">Classify animalsWho am I?Textbook activity RESOURCES <ul style="list-style-type: none">VideosHands on activitiesTextbookWorksheets ACTIVITIES <ul style="list-style-type: none">Observe microbes under microscopeFind preservation methodTextbook activityTextbook project RESOURCES <ul style="list-style-type: none">VideosHands on activitiesTextbookWorksheets | <ul style="list-style-type: none">WorksheetsGroup discussionObjective type questionsOTBAWritten AssessmentProjects <ul style="list-style-type: none">WorksheetsGroup discussionObjective type questionsOTBAWritten AssessmentProjects |

Months: July – August

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| Lesson 3-Reproduction in Plants <ul style="list-style-type: none"> How plants grow Methods of Reproduction Types of Pollination Fertilisation | L 3 Reproduction in Plants <ul style="list-style-type: none"> Classify plants on the basis of modes of reproduction Identify parts of a flower Explain the need of pollination Compare self and cross pollination Explain the role of fertilization in reproduction Explain the structure of a seed Classify seeds as monocotyledon and dicotyledon Describe seed germination Explain different ways of seed dispersal Infer that all plants to not reproduce by plant | ACTIVITIES <ul style="list-style-type: none"> The seeds we eat Dissection of Flower Grow a potato plant Textbook project RESOURCES <ul style="list-style-type: none"> Visuals and Auditory Aids Videos Hands on activities Potted plants Textbook Worksheets | <ul style="list-style-type: none"> Worksheets Group discussion Objective type questions OTBA Written Assessment Projects |
| Lesson 4- Reproduction in Animals <ul style="list-style-type: none"> Reproduction by laying eggs Mammals give birth to young ones Reproduction through single parent | <ul style="list-style-type: none"> Enlist the ways in which animals reproduce Identify animals which reproduce by laying eggs Understand incubation period Name the animals which reproduce by giving birth to young ones | ACTIVITIES <ul style="list-style-type: none"> What's common in animals Make a table to make a group of animals Observe permanent slides under microscope | <ul style="list-style-type: none"> Worksheets Group discussion Objective type questions OTBA Written Assessment Projects |

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| <p>Lesson 5- States of Matter</p> <ul style="list-style-type: none"> • Interconversion of States of Matter • Water – a Universal Solvent • Separating impurities from Water • Water Conservation | <ul style="list-style-type: none"> • Define gestation period • Describe reproduction through single parent • Compare budding regeneration and fragmentation <ul style="list-style-type: none"> • Investigate and describe the interconversion of States of matter and the phenomena involved in it • Correlate and explain the importance of interconversion of States of matter with phenomenon occurring in surroundings • Prepare a solution • Compare types of solutions • Demonstrate the process of removal of impurities from water • Examine and explain various ways to conserve water | <p>RESOURCES</p> <ul style="list-style-type: none"> • Visuals and Auditory Aids • Textbook • Worksheets <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Catch the Thief of candle's wax • Water Cycle • Mix Well and find miscible and immiscible objects • Beaker <p>RESOURCES</p> <ul style="list-style-type: none"> • Visuals and Auditory Aids • Textbook • Worksheets | <ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects |
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Months: September- October

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| Lesson 6- Human Body Systems <ul style="list-style-type: none"> Respiratory System Circulatory System Skeletal System Nervous System | <ul style="list-style-type: none"> Enlist number of organs and organ systems in human body Correlate the function of each body part with its organ system Identify the location of main bones in our body Classify bones based on their shapes and sizes Relate the names of joints with their shapes Reason out the importance of cartilage and muscles in movement of body parts Understand that all the organ systems are interconnected Infer why we cannot move all body parts in all directions Describe functions of main parts of various organ systems | ACTIVITIES <ul style="list-style-type: none"> Name the body organs Observe Veins and Arteries Physical Exercise Human Skeletal System Possible or Impossible with body Reveal the secret of ear and nose What do muscles do RESOURCES <ul style="list-style-type: none"> Visuals and Auditory Aids Textbook Worksheets | <ul style="list-style-type: none"> Worksheets Group discussion Objective type questions OTBA Written Assessment Projects |
| L 7 Transport System of a Plant <ul style="list-style-type: none"> Transport System in Plants and Humans | <ul style="list-style-type: none"> Explain the need of air, water, sunlight and other nutrients for survival of plants. | ACTIVITIES <ul style="list-style-type: none"> Travel through tubes Textbook activity | <ul style="list-style-type: none"> Worksheets Group discussion Objective type |

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| | <ul style="list-style-type: none"> • Name the parts of plant transport system • List functions of each part of plant transport system • Explain the process of transportation of water and nutrients throughout the plant body • Compare a transport system of nutrients in plants and humans | <ul style="list-style-type: none"> • Textbook project <p>RESOURCES</p> <ul style="list-style-type: none"> • Visuals and Auditory Aids • Textbook • Worksheets | <p>questions</p> <ul style="list-style-type: none"> • OTBA • Written Assessment • Projects |
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Months: November- December

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <p>Lesson 8- Measurement</p> <ul style="list-style-type: none"> • Measurement of Length • Measurement of Mass • Measurement of Capacity or Volume • Measurement of Time • Measurement of Temperature | <ul style="list-style-type: none"> • Explain the ways to measure basic physical quantities • Enlist the instruments used to measure length, mass, volume, time, and temperature • Use proper units for measuring smaller and larger quantities • Understand the need for unit conversion • Deduce the cause of different time zones throughout the world • Know two main systems of measurement • Explain common abbreviations used for time zones • Determine the number of days in February in a particular year | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Compare size • How heavy is it? • Volume of a notebook • Textbook activity <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Visual and auditory aids • Worksheets • Flow charts | <ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects |

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| <p>Lesson 9- Force</p> <ul style="list-style-type: none"> • Effects of Force • Different types of Force • Muscular Force • Frictional Force • Magnetic Force • Gravitational Force • Electrostatic Force • Damages caused by Force <p>Lesson 10- Simple Machines</p> <ul style="list-style-type: none"> • Screw • Pulley • Wedge • Wheel and Axle • Inclined Plane or Ramp • Lever • Types of Lever | <ul style="list-style-type: none"> • Understand the effects of force • Classify forces as contact forces and non-contact forces • Identify different types of forces acting in our surroundings • Explain the importance of different types of forces in our daily life • Enlist the advantages and disadvantages of frictional forces in various activities • Describe the need of buoyancy • State Archimedes' principle • Compare the gravity on the earth and on the moon • Understand that charged bodies either attract or repel each other <ul style="list-style-type: none"> • Identify simple and complex machines • Enlist types of simple machines • Explain the importance of simple machines in our everyday life • Demonstrate how wedge and inclined plane are used to move objects • Compare three types of levers | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Understanding force • Challenging task • Isn't it magical? • Textbook activity <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Visual and auditory aids • Worksheets • Flow charts • videos <p>ACTIVITIES</p> <ul style="list-style-type: none"> • imagine a day without few things • identify and Name • Textbook activity <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Visual and auditory aids • Worksheets | <ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects <ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects |
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Months: January- March

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| Lesson 11- Our Environment <ul style="list-style-type: none"> Interactions in Environment Food Chain and Food Web The Atmosphere Man's Impact on Environment Pollution | <ul style="list-style-type: none"> Learn about the components of the environment Explain interactions between the components of the environment Differentiate between food chains and food webs Explain the importance of decomposers in our environment Describe the layers of the atmosphere Recognise the impact of our activities on the environment and ways to save the environment Describe the causes and impact of various types of pollution on the environment | ACTIVITIES <ul style="list-style-type: none"> Construct a food – web Textbook activity RESOURCES <ul style="list-style-type: none"> Textbook Visual and auditory aids Worksheets Reference videos | <ul style="list-style-type: none"> Worksheets Group discussion Objective type questions OTBA Written Assessment Projects |
| L 12 Forms of Energy <ul style="list-style-type: none"> Electrical Energy Chemical Energy Fuels Solar Energy Potential Energy Kinetic Energy | <ul style="list-style-type: none"> Identify and list various forms of energy Explain the use of various forms of energy Classify fuels into three groups based on their states of | ACTIVITIES <ul style="list-style-type: none"> Observe light and heat energy Complete the tree map about energy Textbook activity | <ul style="list-style-type: none"> Worksheets Group discussion Objective type questions OTBA Written Assessment |

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| <ul style="list-style-type: none"> • Mechanical Energy • Sources of Energy • Conversion of Energy | <p>occurrence</p> <ul style="list-style-type: none"> • Differentiate renewable and nonrenewable sources of energy • Examine the importance of fuels and their conservation • Explain the conversion of one form of energy into another | <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Visual and auditory aids • Worksheets • Reference videos • Flow charts | <ul style="list-style-type: none"> • Projects |
| <p>L 13 Energy from Food</p> <ul style="list-style-type: none"> • Living Organisms Need Energy • Types of Food • Food Pyramid | <ul style="list-style-type: none"> • Explain the need of energy for living organisms • Identify the different types of food • Explain the food pyramid • List the importance of a balanced diet | <p>ACTIVITIES</p> <ul style="list-style-type: none"> • Amount of energy in food • Do plants need energy? • Classify food <p>RESOURCES</p> <ul style="list-style-type: none"> • Textbook • Visual and auditory aids • Worksheets • Reference videos • Flow charts | <ul style="list-style-type: none"> • Worksheets • Group discussion • Objective type questions • OTBA • Written Assessment • Projects |



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

DEEP'S ANNUAL CURRICULUM PLAN: 2023-24

CLASS: V

SUBJECT: Social Studies

BOOK: My Wonderful Book of Social Studies 5

APRIL – MAY

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|--------------------------------------|---|---|---|
| L – 1 Maps and Globes | <ul style="list-style-type: none">• Identify the different types of maps.• Recognise the components of map-key, scale, directions, symbols and colours.• Definition of new terms.• Understand the advantages and limitations of using a map and a globe. | <ul style="list-style-type: none">• Make a chart on 'map-keys'.• Lists the symbols used within the map and indicate what they stand for.• Make your own globe. (Craft supplies, textbook) | <ul style="list-style-type: none">• Notebook work• Assignments/worksheets• Activities / projects• Map Skills |
| L – 2 Parallels and Meridians | <ul style="list-style-type: none">• Learn the importance of latitude, longitudes and grid.• Learn about International date line. | <ul style="list-style-type: none">• Quiz on parallels and meridians.• Write the time and the day in London, New York, Singapore and Sydney if it is 10 a.m. on Monday in New Delhi. | |

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| | <ul style="list-style-type: none"> • Know how to measure time based on relative locations. • Recollect the full form of GMT, GPS, IDL, UTC etc. | (Textbook, PPT, MS forms) | |
| L – 3 Movements of the Earth- their Effects | <ul style="list-style-type: none"> • Understand the two movements of the Earth. • Learn about the effects due to the movements of the earth. • Know about Summer and Winter solstice and equinox. | <ul style="list-style-type: none"> • Make a model of mechanism of day and night. • Make a chart on rotation and revolution explaining their effects. • (Torch, globe/ball, craft supplies, textbook) | |
| L – 4 Major Landforms | <ul style="list-style-type: none"> • Learn about the various relief features of the Earth • Know about why all the relief features of the earth are important • Describe the journey of a River | <ul style="list-style-type: none"> • Group discussion (Compare the different stages of a river to the life stages of humans) • Map work | |
| L- 5 Natural Resources | <ul style="list-style-type: none"> • Definition of natural resources • Differences between renewable and non-renewable resources • Know why natural resources are important | <ul style="list-style-type: none"> • Form an Environment Club • With the help of the internet, find and write the names of different fuels used to run – cars, motorcycles, aeroplanes, trucks, auto-rickshaws etc | |

JULY – AUGUST

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| L – 6 Weather and Climate | <ul style="list-style-type: none"> • Enlist the factors affecting the climate of a place. • Know about the climatic zones of the Earth – Torrid, Temperate and Frigid zones. | <ul style="list-style-type: none"> • Make a chart on 'Climatic zones of the world' and find out the climatic zone in which India is located. | <ul style="list-style-type: none"> • Notebook work • Assignments/worksheets • Activities / projects • Map Skills |
| L – 7 The Equatorial Region | <ul style="list-style-type: none"> • Understand the climate, vegetation and wildlife in the equatorial region. • Know about the life of people in rainforests – food crops, cash crops and mineral resources. | <ul style="list-style-type: none"> • Make a collage on vegetation and wildlife of an equatorial rainforest. • Make a picture postcard on the Amazon rainforests. (Craft supplies, internet, printed pictures of the tribes) | |
| L- 8 The Land of Desert | <ul style="list-style-type: none"> • Learn about the climate, vegetation, wildlife and people of the desert region. | <ul style="list-style-type: none"> • Make a desert scene using different materials. (Cardboard, sand, cut-outs of plants and animals, textbook) | |

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| L – 9 The Land of Snow and Ice | <ul style="list-style-type: none"> • Acquire knowledge about the climate, vegetation and wild life of frigid zones. • Understand the life style of the people living in a frigid zone. | <ul style="list-style-type: none"> • Poster making – animal's habitats in the frigid zones. | |
| L- 10 The Treeless Grasslands | <ul style="list-style-type: none"> • Gain knowledge about different 'Temperate grasslands' of the world. • Know about the climate, vegetation and wildlife. • Understand lifestyle of the people living in the grassland. • Prairies – wheat basket of the world. • Definition of new terms. | <ul style="list-style-type: none"> • Crossword puzzle • Make an album / PPT – The climate, natural vegetation and wildlife and life of the people in the prairies. (Internet, computer/craft supplies, textbook) | |

SEPTEMBER-OCTOBER

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| L – 11 Our Environment | <ul style="list-style-type: none"> • Learn about environment • Describe the types of wastes and the various means by which they are deposited • List and elaborate on the three R's for a clean environment | <ul style="list-style-type: none"> • Best out of West Workshop | <ul style="list-style-type: none"> • Notebook work • Assignments / worksheets • Activities / projects • Map Skills |
| L – 12 Environmental Pollution | <ul style="list-style-type: none"> • Understand the meaning of pollution. • Comprehend the causes, effects and preventive measures of types of pollution. • Enlist the natural and human factors that lead to pollution. • Suggest ways of generating less garbage | <ul style="list-style-type: none"> • Make a poster to sensitize others about the harmful effects of plastics. • | |

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| L – 13 Natural Disasters | <ul style="list-style-type: none"> • Definition- 'natural disaster' • List the various types of natural disasters. • State the key features of each type of natural disaster. • Learn the effects of disasters and safety measures to be followed. | <ul style="list-style-type: none"> • Make a study guide explaining natural disasters and their impact. • Make a simple volcano. | |
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NOVEMBER-DECEMBER

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| L- 14 Staying Healthy | <ul style="list-style-type: none"> • Know about medical gadgets and list their uses • Importance of life saving drugs • Importance of vaccinations and their role in the prevention of diseases | <ul style="list-style-type: none"> • Find the names of two vaccines that are available for COVID-19 in India. Also list four precautions you should follow to prevent spread of COVID- 19 | <ul style="list-style-type: none"> • Notebook work • Assignments / worksheets • Activities / projects • Map Skills |
| L – 15 Communicating Through Writing | <ul style="list-style-type: none"> • Learn about the importance of the Sharing knowledge | <ul style="list-style-type: none"> • Make 'Ancient cave art' (Chart paper, A4 card, colour paint, glue, sand etc) • Quiz | |

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| <p>L -16 Let's Keep in Touch</p> | <ul style="list-style-type: none"> • Know about various scripts • Learn the history of printing | | |
| <p>L- 17 Transport</p> | <ul style="list-style-type: none"> • List some means of communication and their importance. • Analyse in what ways communication has changed over the years. • Understand the enviro terms. | <ul style="list-style-type: none"> • Make a timeline depicting the evolution of given means of communication. | |

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| L- 18 They Make us Proud | <ul style="list-style-type: none"> • Understand how revolutionary inventions change our lives. • Know about different means of transportation. • Know how great personalities of India changed the world into a better place • List the contribution of Indians in the fields of science, mathematics, medicine, literature and music. | <ul style="list-style-type: none"> • Name any one personality of India who has influenced your life in some way. Discuss | |
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JANUARY-MARCH

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---------------------------------------|---|--|--|
| L -19 Struggle Towards Freedom | <ul style="list-style-type: none"> • Understand the reason for the arrival of the British in India. • State the reasons behind the expansion of the British rule in India. • Know about the battle of Plassey and battle of Buxar. | <ul style="list-style-type: none"> • Map work • Quiz | <ul style="list-style-type: none"> • Notebook work • Assignments / worksheets • Activities / projects • Map Skills |

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| <p>L – 20 India Wins Freedom</p> | <ul style="list-style-type: none"> • Identify the causes for the rising discontent among the Indians. • Discuss the revolt of 1857 and causes of its failure. • Know about the social reformers and the emergence of Indian National Congress. | <ul style="list-style-type: none"> • Make a PowerPoint presentations on 'India's struggle for freedom' - role of moderates, extremists and the Gandhian era. | |
| <p>L – 21 Governing Ourselves</p> | <ul style="list-style-type: none"> • Analyse the mindset of Indians under the British. • List various movements initiated by the Indians to attain independence. • Know about the Jallianwala massacre. • Discussion on Dandi March and the Quit India Movement. | <ul style="list-style-type: none"> • Learn about the role of government. • Distinguish between central and the state governments. • Understand the process of elections. • Identify the constituents of the state and central Government. | <ul style="list-style-type: none"> • Crossword • Mock election for the post of the class monitor. |

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| L – 22 The United Nation | <ul style="list-style-type: none"> • Understand the reasons for formation and the objectives of the United Nations. • Learn about the workings of the 6 main organs of United Nations. • Identify the special agencies of the UN. • Appreciate India's relation with the UN. | <ul style="list-style-type: none"> • Prepare a chart with the logos and functions of the main organs of the United Nations. • Make a chart on the role of WHO. | |
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CURRICULUM PLAN (2023-24) CLASS: V
SUBJECT: GENERAL KNOWLEDGE

Book: General Knowledge-5

Months: April – May

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|---|---|--|
| <ul style="list-style-type: none"> • Abbreviations • Sports • Cities on River Banks • Symbols • The One Who Reads, Leads • Tell me why? • Places and their significance <ul style="list-style-type: none"> ➤ News update: ➤ News from India | <ul style="list-style-type: none"> • To enhance children's • Vocabulary and communication skills • Reading habit • Knowledge about different places, newspapers, and sports personalities. • Significance of different symbols • Knowledge of current affairs | <ul style="list-style-type: none"> • Quiz • Picture Recognition • Draw some Symbols • M.C.Q • Newspaper reading • Cross-Word • Worksheet | <ul style="list-style-type: none"> • Notebook work • Textbook work • Assignments • Activities • Current Affairs • Group Discussion |

Months: July – August

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|---|--|---|
| <ul style="list-style-type: none">• Inventions and discoveries• Computer connects• Books and Authors• Personalities• First in India• Information Kit• Sobriquets<ul style="list-style-type: none">➤ News update:➤ International News | <ul style="list-style-type: none">• To enhance children's• Knowledge about• different inventions and inventors• Applications of computers in daily life• To improve reading habit• Information about famous personalities and work done by them. | <ul style="list-style-type: none">• Write names of some famous inventors and their inventions• List some computer software's• Reading of Panchtantra stories• Paste pictures of Indian Prime Ministers and Presidents | <ul style="list-style-type: none">•• Notebook work• Textbook work• Assignments• Activities• Group Discussion |

Months: September-October

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|---|--|---|---|
| <ul style="list-style-type: none">• Important Monuments• Facts about India• Countries- Their Capitals and currencies• World Heritage• Important Places• Simple Science• Our Health <p>➤ News update: ➤ Environment News</p> | <ul style="list-style-type: none">• To enhance children's• Scientific temperament• knowledge of science and technology in the contemporary world• Knowledge about their own country• Knowledge of different currencies.• History knowledge• Knowledge about current affairs. | <ul style="list-style-type: none">• Word Grid• M.C.Q• Picture Recognition• Newspaper Reading• Paste pictures of some Indian monuments | <ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities• Group Discussion |

Months: November-December

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <ul style="list-style-type: none"> • The Olympics and Asian Games • The Plant Life • Quiz Time • Mixed Bag • Different Religions • Tribes of The World • About the Earth ➤ News update: ➤ Sports Highlights | <ul style="list-style-type: none"> • To enhance children's • Knowledge about • different Games, Plant life • Awareness about Environment • Knowledge of different religions and tribes • Knowledge about our mother planet earth. | <ul style="list-style-type: none"> • Quiz • Draw Olympic Symbol • Newspaper Reading • Match the column • Draw different layers of atmosphere | <ul style="list-style-type: none"> • Notebook work • Textbook work • Assignments • Activities • Group Discussion |

Months: January- March

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <ul style="list-style-type: none">• Our Country• Similes• Potpourri• Everyday Science• Did you know?• Magic with Numbers➤ News update➤ News from the World of Entertainment | <ul style="list-style-type: none">• To enhance children's• Examples of some similes• To improve their logical and analytical skills.• Knowledge of science and technology in the contemporary world• Knowledge about their own country• History Knowledge | <ul style="list-style-type: none">• Multiple Choice Questions• Quiz• Magic with numbers• Newspaper Reading• Worksheets | <ul style="list-style-type: none">• Notebook work• Textbook work• Assignments• Activities• Group Discussion |



DEEP PUBLIC SCHOOL

Your Child's future is Our Priority !!

ANNUAL CURRICULUM PLAN: 2023-24

CLASS: V

SUBJECT: COMPUTER

BOOK: BRAINY CLOUD

APRIL – MAY

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
|--|---|---|---|
| <u>L 1 The World of Computers</u> | <ul style="list-style-type: none">• What is a Computer?• Anatomy of Computer• What is Hardware and Software?• Different Types of Computers• Types of Personal Computers• Computers in Education• Computers in Business• Computers in Hospitals and Medical Profession• Computers in Banks• Computers at Home | <u>ACTIVITIES</u> <ul style="list-style-type: none">• Make a poster on the device and technologies used in the field of Education, Homes, Medical• Make a Presentation on different types of computer with images. <u>RESOURCES</u> <ul style="list-style-type: none">• Computer / laptop• Textbook• Devices | <ul style="list-style-type: none">• Projects• Activities• Objective type questions• Written assessment |
| <u>L 2 Understanding The Software</u> | <ul style="list-style-type: none">• Understanding Software• Types of Software• What is Operating System?• OS for Personal Computers | <u>ACTIVITIES</u> <ul style="list-style-type: none">• Identify the logos of the system and application software and make a poster for these.• Make a list of System and Application software required for personal computer. <u>RESOURCES</u> | <ul style="list-style-type: none">• Projects• Activities• Objective type questions• Written assessment |

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| | <ul style="list-style-type: none"> • Licensed Software • Open Source Software • Types of Application Software | <ul style="list-style-type: none"> • Computer / laptop • Textbook | |
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JULY – AUGUST

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <u>L 3 Working with Windows10</u> | <ul style="list-style-type: none"> • About Windows 10 • About Windows 11 • Starting Windows 10 • Universal Apps of Windows 10 • Shut Down Windows 10 | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Practice of Starting windows 10 and shutting down windows 10 on computer. • Identifying the various fields or icons of first screen of windows 10 • Displaying multiple windows at a time. <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook • Chart paper | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |
| <u>L 4 More On Word 2016</u> | <ul style="list-style-type: none"> • Understanding MS word • MS Word Vocabulary • Using Graphics/Pictures in Document • Picture Editing with Word 2016 • Making Image Adjustments • Wrapping Text Around the Image • Working with Shapes | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Explore the picture tools in the format tab and name the buttons used to perform various actions • Identify and use the various command buttons used in format tab of MS Word. <p><u>RESOURCES</u></p> | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |

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| <p><u>L5 Creating The Presentations</u></p> <hr/> | <ul style="list-style-type: none"> • WordArt Effects • Applying Borders and Shading • Creating Drop Case • What is PowerPoint? • Advantages of using PowerPoint • PowerPoint 2016 A Quick Review • Planning a Presentation • Applying a Design Theme • Adding Text in Placeholders • Moving and Resizing Placeholders • Saving the Presentation • Applying the Text Effects • Changing Backgrounds • Inserting Images | <ul style="list-style-type: none"> • Computer / laptop • Textbook <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Create a presentations of 5 slides based on the topic of “Internet Crime” • Create a presentation by inserting of some pictures and then use slide show. <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |
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SEPTEMBER-NOVEMBER

| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <p><u>L 6 Animate A Presentation</u></p> | <ul style="list-style-type: none"> • Using Transition Effects • Using Animation Effects • Types of Animations • Inserting Video/Audio in a Slide • PowerPoint views • Converting the presentation to a Video | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Student will be able to create a presentation and then use various animation tool for the presentation. • Lab activities given in the textbook <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |
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| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <u>L 7 My First Step To MS Excel 2016</u> | <ul style="list-style-type: none"> • Understanding Spreadsheet • Advantages of using Spreadsheet Software • Exploring Excel 2016 Window • Creating a Worksheet • Moving around the Worksheet • Saving a Worksheet • Using Formulas • Using AutoSum | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Create an Excel workbook showing representation of data in different forms (CHART/ GRAPH)". • Project and Lab activities given in the textbook <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |
| <u>L 8 Let's Start Coding</u> | <ul style="list-style-type: none"> • Knowing about Coding • Method or style of Coding • Machines around us with Computer Codes • Understanding Programming Language • First step in Coding 'Algorithm' • Learning a sequence of step-wise activities • Introducing to Scratch • Using Scratch to Code | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Project and Lab activities given in the textbook • Write an Algorithm to make a call to your friend from a cell phone. • Use scratch to make a Script to make the sprite jump up and down with a message. <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |

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| CONTENT | LEARNING OBJECTIVES | ACTIVITIES & RESOURCES | AREAS OF ASSESSMENT/ OBSERVATION |
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| <u>L 9 Event Programming With Scratch</u> | <ul style="list-style-type: none"> • What is Event- Driven Programming? • Event- Driven Programming with Scratch • Scratch Event Blocks • Direction of Rotation • Broadcasting and Receiving Messages | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Create a Script using Scratch and then changing its color and size when a particular key is pressed. • Write the values in degrees to move the sprite in different directions • Solve textbook activity in scrapbook. <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |
| <u>L 10 Browsing The Internet</u> | <ul style="list-style-type: none"> • What is Internet? • History of Internet • What is World Wide Web? • Why do we use Internet? • Hardware and Software requirements to access the Internet • Types of Broadband Internet connections • Understanding Internet Addresses • Navigating a Web Page | <p><u>ACTIVITIES</u></p> <ul style="list-style-type: none"> • Create a chart showing cyber safety measures a user should follow. • Make a list of hardware and software requirements to access the Internet. <p><u>RESOURCES</u></p> <ul style="list-style-type: none"> • Computer / laptop • Textbook | <ul style="list-style-type: none"> • Projects • Activities • Objective type questions • Written assessment |

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