

ITBP PUBLIC SCHOOL, DWARKA

CLASS: 5 (2024-25)

MONTHLY SYLLABUS

ENGLISH

MONTHS	CHAPTERS & TOPICS	ACTIVITY
APRIL	Reading-Comprehension (Porus and Alexander page15) Writing- Paragraph Writing-I Grammar- Lesson-1 Using The Dictionary Lesson-2 The Sentence Lesson-3 Types of Sentences Lesson-20 Changing Kinds of Sentences (Negative Sentences) Literature Lesson 1- Ring Out Wild Bells (Poem) Lesson 2- Gulliver in Strange Land	Activity- Poem Recitation(Talk Master) The Poem `Stopping By The Woods On a Snowy Evening Creative Master- Make a greeting card Story writing on page19 (Separate A4 size sheet)
MAY	Grammar-Subject & Predicate Prefixes & Suffixes Literature- Lesson-3 Science and Human	Writing Master-Draw and color the picture of the pen and a sword page 26
JULY	Reading- Comprehension Grammar-Lesson-5 Kinds of Noun Lesson-6 Noun Number Lesson-7 Noun Gender Collocation Writing- Paragraph writing II Literature- Lesson-4 The Happy Prince and the Sparrow Lesson-5 The First Tooth(Poem)	Activity- Making a Sundae on Sunday Activity- write about your sibling on a separate sheet and paste in the notebook
AUGUST	Reading-Poem Comprehension page 130 Writing- Narrative Writing Grammar- Lesson-8 Kinds of Adjectives Lesson-9 Comparison of Adjectives Lesson-10 Order of Adjectives Lesson-12 Adjectives or Pronoun? Lesson 11 Pronouns, Nominalisation	Craft Corner Activity- Paste a picture of King Arthur and write few sentences on him and paste it in notebook.

	Literature- Lesson-6 Laura`s Baby Brother Lesson-7 Famous King Arthur	
SEP	Grammar- Lesson-13 Articles Lesson-24 Prepositions Lesson-27 Capital Letters And Punctuation Literature- Lesson 8 Kapil Dev Revision	Activity- Visit to the Fete Activity-Collect and paste three cricketers whom you liked the most and write few sentences on them on separate sheet and paste it in notebook.
OCTOBER	Grammar- Lesson-14 Simple Tenses: Present, Past and Future Lesson-15 Present And Past Participles Lesson-16 Continuous Tenses: Present and Past, Homophones Literature- Lesson-9 What Do I See?(Poem) Lesson-10 Cinderella Lesson-11The Danish Physicist	Activity-Draw and color a beautiful picture of Cinderella and write few traits of her.
NOVEMBR	Reading- Comprehension (Animal Talk page 105) Writing-Letter Writing, Diary Writing Grammar- Lesson-17 Future Continuous Tense Lesson-18 Perfect Tenses: Present And Past Lesson-19 Simple Tense to Perfect Tense Synonyms and Antonyms Literature- Lesson-12 Aladdin and the Magic Lamp Lesson-13 Lewis Carroll`s Soup	Activity-Draw the magic lamp and the genie coming out from it and color it also. Activity- Paste a picture of your favorite dish and write few sentences on it.
DEC	Reading- Poem Comprehension page 146 Writing- Picture tell a story(page 142) Grammar- Lesson-21 Question Tags Lesson-22 Kinds of Adverbs Lesson-23 Comparison of Adverbs One Word Substitution Lesson-25 Conjunctions Lesson-26 Interjections Words Often Confused One Word, Different Parts of Speech, Word Power Literature- Lesson 14 M C Mary Kom Lesson 15 The Perfect Portrait	Activity Joining a Club Activity Giving Directions Craft Corner Activity- Paste a picture of Mary Kom and write how does her story inspire you.

हिन्दी

महीना	विषय	गतिविधि
अप्रैल	<p>परिवेश – पाठ-1 उठो धरा के अमर सपूतों पाठ - 2 गोदावरी नदी</p> <p>व्याकरण</p> <ul style="list-style-type: none"> ● चित्र वर्णन ● पाठ -1 भाषा और व्याकरण ● पाठ- 2 वर्ण - विचार ● पाठ-5 वचन 	<p>किन्ही ५ स्वतंत्रता सेनानियों के नारे लिखी ये एवं उनके बारे में दो- दो पंक्तियाँ लिखकर चित्र चिपकाएँ। पानी की समस्या बचत से संबंधित पोस्टर और नारे तैयार करना।</p>
मई	<p>परिवेश- पाठ 3 संभव ही भूल</p> <p>व्याकरण पाठ- 3 संज्ञा पर्यायवाची शब्द</p>	<p>समाचार पत्रों तथा पत्रिकाओं से कोई दो आकर्षक विज्ञापन ढूँढकर ए-४ शीट पर चिपकाएँ। पर्यायवाची शब्दों के फ़्लैश कार्ड तैयार करिए।</p>
जुलाई	<p>परिवेश पाठ – 4 मूल्यवान समय पाठ-5 पक्षियों का आगमन</p> <p>व्याकरण पाठ -4 लिंग पाठ-6 कारक, विलोम शब्द</p> <p>अनुच्छेद लेखन- व्यायाम और कंप्यूटर</p>	<p>ए-४ शीट पर पाँच विभिन्न देशों के समय को दर्शाइए।</p> <p>नारियल के खोल या खाली बोतलों से पक्षियों के लिए डाला और पानी रखने का बर्तन बनाइए।</p>
अगस्त	<p>परिवेश पाठ-6 सलीम का आत्म विश्वास पाठ-7 मदन मोहन मालवीय को</p> <p>व्याकरण पाठ-7 सर्वनाम पाठ-8 विशेषण</p> <p>औपचारिक पत्र -मौसी के विभाग में जाने ही धूळ प्रधानाचार्य जे को तीन दिन का अवकाश पत्र लिखिए :-</p>	<p>सर्वनाम संबंधित फ़्लैश कार्ड बनाए।</p> <p>किसी एक महापुरुष अथवा देश भक्त का चयन करके उनके जीवन परिचय, उनके कार्य तथा उनसे संबंधित सूचनाएँ चित्र सहित लिखे।</p>
सितम्बर	<p>औपचारिक पत्र- पुस्तकालय में हिंदी पर्यायवाची शब्द कोष मंगवाने के लिए पुस्तकालय अधिकारी को पत्र लिखिए-</p>	

	श्रुतिसम भिन्नार्थक शब्द	
अक्टूबर	परिवेश पाठ-8 वृक्ष पाठ- 9 अनन्या की डायरी व्याकरण पाठ-9 क्रिया	" पेड़ बचाओ" से संबंधित पोस्टर बनाइए । अपने परिवार के किसी सदस्य का चित्र चिपकाकर साक्षात्कार लीजिए और लिखिए ।
नवंबर	परिवेश पाठ- 10 सीढ़ीदार खेत पाठ-11 नभ के पिंड व्याकरण पाठ-10 काल , अनेकार्थी शब्द पाठ -13 वाक्य संबंधित सामान्य अशुद्धियाँ	"सितारों की दुनिया" विषय पर स्वरचित कविता लिखें ।
दिसंबर	परिवेश पाठ 12 पर्यावरण प्रदूषण पाठ -13 कागज़ की गाथा पाठ -14 मैं सबसे छोटी होऊँ व्याकरण पाठ-11 अव्यय पाठ-12 वाक्य पाठ -14 विराम चिह्न पाठ-15 उपसर्ग तथा प्रत्यय अनेक शब्दों के लिए एक शब्द, संवाद लेखन अनौपचारिक पत्र -अपने पिताजी से भ्रमण पर जाने के लिए अनुमति माँगते हुए पत्र:-, अपनी छोटी बहन को समय का महत्व बताते हुए पत्र लिखिए:-	"मनुष्य और पेड़ों" के बीच संवाद लेखन लिखिए । "प्रदूषण" से संबंधित पोस्टर बनाएँ। माँ विषय पास स्वरचित कविता लिखें ।
जनवरी	पाठ -15 आचार्य सुश्रुत अपठित गद्यांश पाठ 18 मुहावरे और लोकोक्तियाँ	चित्र सहित मोहग्रस्त संबंध लश्कर तैयार करें।

MATHEMATICS

MONTH	CHAPTER & SUB TOPIC	ACTIVITY
April	Chapter 1 – Large Numbers (Indian and International System of Numeration, Place	Maths in real life – Formation of numbers by rolling dices.

	<p>Value, Face Value, Expanded Form and Short Form based on large numbers, Successor and Predecessor of large numbers, Comparison and Ordering of numbers and Formation of numbers, Roman Numerals)</p> <p>Chapter 2 – Addition and Subtraction (Addition and subtraction of large numbers with regrouping and borrowing, Estimating the sum and difference, Word Problems)</p>	<p>Find out the distance between planets and answer the questions based on addition and subtraction in notebook. (In ref to page no. 45 of textbook)</p>
May	<p>Chapter 3 – Multiplication and Division (Multiplication with a 2, 3 and 4 digit numbers, Division of large numbers by 2 and 3 digit numbers)</p>	<p>Let's Experiment with Maths - Checking divisibility of a number by making a spinning wheel. (In ref to page no. 45 of textbook)</p>
July	<p>Chapter 3 – Continuation of Multiplication and Division (Word Problems based on Multiplication and Division, Mixed sums, Estimating the product and quotient)</p> <p>Chapter 4 – Factors and Multiples (Properties of Factors and Multiples, Rules of Divisibility, Prime and Composite Numbers, Twin primes, Prime Factorization)</p>	<p>Hands on Activity To find the HCF of two given numbers by paper-cutting.</p>
August	<p>Chapter 5 – Fractions (Types of Fractions, Representing improper and mixed fractions, Converting unlike into like fractions, Comparison of Fractions, Fractions in their lowest terms, Addition and Subtraction of Fractions, Multiplication and Division of Fractions)</p> <p>Chapter 13 – Perimeter, Area and Volume (Concept of perimeter and area based on 2D shapes, Volume based on 3D shapes, Open and closed shapes, Finding perimeter of polygons, Perimeter of rectangle, square and irregular polygons, Finding area using square paper, converting units of area, Finding area of a rectangle and square, Finding volume of Cube and cuboid, Relation between different units of volume)</p>	<p>Art and Craft – To find the product of fractions using a squared paper.</p> <p>Subject Integration – To calculate the area of an irregular object using a squared paper (leaf).</p>
September	<p>Revision</p>	
October	<p>Chapter 6 – Decimals Tenths, Hundredths and Thousandths, Expanded notation of decimals, Comparison of Decimals, Equivalent Decimals, Like and Unlike Decimals, Conversion of Decimal into common fraction, Addition and Subtraction of Decimals, Multiplication And Division of Decimals)</p> <p>Chapter 7 – Percentage (Introduction of Percentage, Conversion of Fraction into</p>	<p>Decimals on number line using paper strip.</p> <p>Conversion of fractions into percentage using graph paper in</p>

	percentage, Conversion of percentage into fraction, Finding percentage of a number) Chapter 10 – Profit and Loss (Cost Price, Selling Price, Profit and Loss, Finding Profit and Loss Percentage)	notebook. Organizing a marketplace in school premises by students in roles of vendors and buyers.
November	Chapter 8 – Measurement (Measurement, conversion and four fundamental operations on length, Measurement, conversion and four fundamental operations on Weight, Measurement, conversion and four fundamental operations on Capacity) Chapter 14 – Perspective views and net of 3D Objects (Perspectives views of cubes, floor maps, deep drawing and nets of solids) Chapter 16 – Data Handling (Data, Collection and recording of data, Drawing Bar Graphs and its interpretation, Pie Graph, Continuous growth charts)	Measuring objects using measuring tapes and note measurements in standard units. Making bar graph on a graph paper.
December	Chapter 9 – Money Conversion of Money, Addition and Subtraction of Money, Multiplication and Division of Money) Chapter 11 – Time 24 hours clock time, Finding time (Duration), Conversion of Time, Addition and Subtraction of Time Chapter 12 – Geometry (Basics of Geometry , Angles – Parts, Types and Construction and Measuring, Lines – Parallel and Perpendicular, Symmetry, Reflection, Rotational Symmetry)	Technology – Make a brief PowerPoint Presentation on Indian Currency. Presenting time in class. Draw perpendicular lines by paper folding.
January	Chapter 15 – Patterns (Identifying patterns and drawing missing parts, Patterns based on square numbers, Triangular numbers, Pascal’s Triangle Information, Patterns in border strips)	Make own patterns by using numbers and shapes.

SCIENCE

MONTH	CHAPTER & SUB TOPIC	ACTIVITY (INTER-LINKAGE)
April	Chapter-1 (Growing Plants) Germination, dispersal of seeds, agents of dispersal, monocot and dicot seed, structure of seed, methods of growing plants, agriculture, Kharif and Rabi crops	Activity 1- Soak some moong seeds overnight. Transfer these to thin cotton cloth. Tie the seeds in this cloth and keep them wet by sprinkling water. After 10-12 hours you will see sprouted seeds. Activity 2- Draw a food chart on

	<p>Chapter- 2 (Food and Health) Balanced diet, Components of food, Roughage and water, communicable, non-communicable and deficiency diseases, prevention from diseases Health, Vaccines</p>	<p>a A4 sheet mentioning different components of food. Activity 3- Look at the nutrition label of any 4 packaged food items and note down the ingredients used and nutrients and their percentage.</p>
May	<p>Revision Chapter-3 (Safety and First Aids) First aid, safety from fire, safety at home, safety on road, first aid for treating burns, cuts or scratches, animal bites, sprain and fractures, in case of fire</p>	<p>Activity 1- Make a First-aid box using an old box at home. It should contain: bandages, gauze, cotton wool, small scissor, Dettol or savlon, antiseptic cream, small forceps. Activity 2- Make a poster showing various road signs and their meaning.</p>
July	<p>Chapter-4 (Solids, Liquids and Gases) Matter, Arrangements of molecule in solid, liquid and gas, change in state of matter, solubility, solute, solvent and solution, miscible and immiscible liquids, changes around us, physical and chemical changes</p> <p>Chapter-5 (Rocks and Minerals) Minerals, uses of minerals, coal and petroleum, rocks and types of rocks, formation of igneous, sedimentary and metamorphic rocks,</p> <p>Chapter-6 (Animals: Habitat and Adaptation) Habitat, types of habitat, adaptation, eating habits, movement in animals, movement in human being, breathing organs, animal migration</p>	<p>Activity 1- Using mustard seeds and card paper strips show how molecules are arranged in a solid, liquid and gas. Activity 2- Take different substances and try to dissolve them in water and check their solubility. Activity 3- On an A4 size sheet paste the picture of any 6 famous monuments also write that from what type of rock they have been constructed. Activity 4- On an A4 size sheet draw the difference in teeth of any two types of animals, depending on their diverse food habits.</p>
August	<p>Chapter-7 (Skeletal System and Nervous System) Human body as a machine, bones, The Human skeleton- skull, spine, rib cage, limbs, girdles, Joints, types of joints, muscles, brain, function and parts of brain, nerves, reflex actions, Sense organs</p> <p>Chapter-8 (Measurement) History of measurement, measurement of length, measurement of mass, measurement of capacity, measurement of time, measurement of temperature.</p>	<p>Activity 1- Paste a thick chart paper on a cardboard sheet. Then draw the different parts of the skeletal system. Cut out the parts and join the various pieces with paper clips to depict how joints help to join two bones together and help in their movements. Activity 2- Collect pictures of various types of clocks that were used from ancient times to the present. Stick them on a chart paper in the order of earliest to latest and label the pictures.</p>
September	<p>Chapter-9 (Force and Energy) Force, effects of force, types of force- magnetism,</p>	<p>Activity 1- Draw a pair of scissors, forceps, pliers, bottle</p>

	gravitational, frictional, mechanical, buoyant force, advantages and disadvantages of friction, energy, forms of energy- solar, heat, light, wind, mechanical, sound, electrical, machines, types of simple machines- lever, wedge, inclined plane pulley, wheel and axle, screw	opener, on an A4 sheet and mention the points of fulcrum, load and effort in them.
October	Chapter 10 (Air and Water) Characteristics of air and water, atmosphere, layers of atmosphere, composition of air, uses of air, cleaning water, purification of water at home and at water works	Activity 1- Experiments showing different characteristics of water.
November	Chapter 11 (Earth, Sun and Moon) The moon, why does moon shines, phases of moon, the sun, planets of solar system, Earth, Internal structure of earth, eclipses, tides, artificial satellites, types of artificial satellites Chapter 12 (Light and Shadows) Material and light, shadow, features of shadow and types of objects on the basis of transparency	Activity 1- Draw the different phases of moon and write their names also mention the reason behind the change in shape of moon. Activity 2- Collect the pictures of different artificial satellites launched by India. Paste them on an A4 sheet and write their names. Also mention when they were launched. Activity 3- Write an essay on what would happen if the sun does not rise one day. How would the world and life be affected?
December	Chapter 13 (Volcanoes, Earthquakes and Tidal waves) Volcanoes, types of volcanoes, tidal and tsunami waves, floods, draughts, earthquakes, effects of earthquakes, measurements of earthquakes Chapter 14 (Our Environment) Pollution- Air pollution, Water pollution, Land pollution , Noise pollution, Reason, Effects, Prevention	Activity 1- Find the places in the world which have active, dormant, and extinct volcanoes. Mark them with different colors on a world map. Find out when they last erupted and if they can erupt again in future. Activity 2- Make an information sheet on any one natural disaster. Activity 3- Make a poster on the topic 'Reduce pollution'. Include all preventive measures that you would like to take. Draw pictures to make your poster appealing.

SOCIAL STUDIES

Month	Topics	Activity
April	Chapter 1 The Globe and Imaginary Lines (Features of the Earth, Continents and Oceans, Disadvantages of Globe, Parallels of Latitude, Meridians of Longitude, Grid) Chapter 4 Movements of the Earth (Rotation, Revolution)	Diagram- Major latitudes and Longitudes Demonstration – How rotation causes day and night? Case Study- Choose any

	Chapter 21 Our Agriculture and Industries (Types of crops, Development of agriculture, Livestock rearing Cottage, Small scale and Large scale industries, Development of Industries)	company from small scale or large scale industry and prepare a report.
May	Chapter 2 Maps (Concept of map, Types of maps, Elements of maps)	Drawing – Symbols and sign used in map.
July	Chapter 14 India Under British Rule (Arrival of British In India, British become ruler, Discontent against British rule, Revolt of 1857, Reforms Rise of Nationalism) Chapter 9 Weather and Climate (Define weather and Climate, Factors that affect climate, Heat Zones) Chapter 22 Our Government (Parliament, Lok Sabha and Rajya Sabha, Forming central Government, The State Government, The Judiciary)	Pasting- Paste pictures of any 4 reformers of India. Records daily weather forecast for the month of July. Find out the name of MP and MLA of your area.
August	Chapter 5 Democratic Republic of Congo- land of Dense Forests (Tropical zone, Location, Climate, Vegetation and Wildlife, Life of the People) Chapter 7 Saudi Arabia – Land of Sand (Location, Climate, Vegetation and Wildlife, Life of the People) Chapter 12 Natural Disasters (Earthquake, Cyclones, Volcanic Eruptions, Floods, Droughts)	Presentation – Prepare class presentation on Climate, Vegetation, Wildlife, Economic Condition and Life of the people. Brochure- Make a travel brochure for Saudi Arabia. Model- Draw model for different type of natural disasters.
September	Revision	
October	Chapter 6 Greenland – Land of Snow (Frigid Zone, Location, Climate, Vegetation and Wildlife, Natural Resources, Agriculture and Transport, Life of the people) Chapter 8 The Prairies - Treeless grassland (Temperate Zone, Location, Climate, Vegetation and Wildlife, Natural Resources, Agriculture and Transport, Life of the people)	Make a comparative study between Greenland and Prairies. Map work.- grassland of the world
November	Chapter 15 India Wins Freedom (Partition of Bengal, Swadeshi and Boycott Movements, Rise of revolutionaries, Role of Mahatma Gandhi, Jallianwala Bagh Massacre, Non- Cooperation Movement, Simon Commission, Civil Disobedience Movement, Quit India Movement, Role of Subhas Chandra Bose) Chapter 23 The United Nations	Project – Make a project on any one freedom fighter of your choice and their contribution. Draw logo of any two agencies

	(Formation of United Nations, Objectives of United Nations, Organ of United Nations, Agencies and Achievements, India and The UN)	in your notebook.
December	<p>Chapter 17 Living Long and Healthy Lives (Medical Instruments, What surgery means?, Use of Antibiotics, Prevention of diseases by – Vaccination, Pasteurization and Antiseptic)</p> <p>Chapter 18 Recording and Sharing Knowledge (History of writing, Writing of Numbers, Use of paper for writing, Invention of Printing)</p> <p>Chapter 19 and Chapter 20 Conquering Distances and Keeping in Touch (Transport and Communication, Need for transport, Means of Transport, Personal communication and Mass communication)</p>	<p>Demonstration of different things used in different First Aid.</p> <p>With the help of clay make inscriptions</p> <p>Presentation – any one model means of communication. Stating its advantage and disadvantage.</p>
January	<p>Chapter 10 and Chapter 11 Environmental Pollution and Caring for the Environment (Pollution, Types of Pollution, Type of waste , Disposable of waste, 3R's, Conserving the environment)</p>	Make a compost bin at home.
February	Revision	

COMPUTER

Month	Topic and Sub Topic	Activity
April	<p>Chapter- 3 Working with tables in word (Creating tables (by grid , insert table), entering data and modifying table, inserting and deleting row and column , changing column width and row height, merging cells, formatting table, inserting picture)</p> <p>Chapter – 1 Evolution of computer (History of computer , Early calculating devices(Abacus, Pascal's adding machine , Leibniz calculator , difference engine ,analytical engine tabulating machine , Mark-1)</p>	Design a time table of your class by defining the name of the day in column and periods in rows. Apply the formatting features.
May	<p>Chapter – 1 Evolution of computer (ENIAC, EDSAC, EDVAC , generations of computer , characteristic of computer, limitation of computer)</p>	Make a collage on different types of calculating devices.
June	Summer vacation	
July	<p>Chapter – 4 Using mail merge (Mail merge, data source, main document , creating main document and data source , inserting merge field, viewing merged document, printing a letter)</p>	Using mail merge feature , create invitation letter to invite your friends on your birthday party.
August	<p>Chapter – 2 Understanding the window 10 (Window 10 and its feature , desktop, taskbar, icons, start menu , tiles , app of window 10, customizing the desktop, using multiple windows, exploring picture)</p>	Make a presentation on the topic : universal app of window 10
September	Revision	

October	Chapter – 5 Enhancing a presentation (Working with slide master, creating new custom layout, inserting smartart graphics, inserting table and chart, applying transition and animation to a object)	Make a presentation to raise a awareness about the pollution. Use the formatting animation and slide transitions .
November	Chapter – 6 Programming in Scratch (Using sensing blocks, mathematical operator , comparing values, generating random number, counting length of word, bouncing a ball , variable , applying reasoning and condition programing) Chapter – 7 Introduction to Excel (Workbook, worksheet, component of excel window, entering data, moving around the spreadsheet, types of data, switching between worksheet, rename , adding and removing a worksheet, performing a calculation , saving)	Create a project to find the sum or difference of two numbers, depending on user.s choice Create an excel sheet, include all the necessary column and calculate the expenses by using the Autosum feature.
December	Chapter - 8 Internet and Email Internet and its uses, requirement for connecting to internet, types of internet connection, surfing, search engines, email and its parts, managing and grouping contacts Chapter - 9 Algorithm and Flowcharts Algorithm , flowchart, characteristics of algorithm and flow chart, flowchart symbols	Create a email account on gmail.com
January	Chapter - 9 Algorithm and Flowcharts Drawing flowchart of different types and condition , conditional algorithm and flow chart	Create a chart to depict the use of different flowchart symbols.
February	Revision and practical exam for annual	

ART AND CRAFT

Month	Topic (Art file)	Art Book
April	*Line, Shape, balance of shapes, zantangle drwaing *Activity on Earth day	Page no. -3, 4,5,6,7
May	*Primary colour, Secndry colour, colour wheel *Activity on Mothers day	Page no. - 8,9,10
July	*Different types of shapes using clay and toothpick	Page no. 11,12,13,14
August	*Pattern design with potato block, leaves printing *Activity on Rakshabandhan,, Janmashtami	Page no. 15,16,17,18
September	*Different types of Texturers *Colour family	Page no. 19,20,21,22
October	*Origami and paper craft *Activity on Diwali	Page no. - 23,24,25,26
November	*Rangoli and free hand design	Page no. 27,28,29,30

December	*Objects drawings and Nature drawings (fun with numbers) *Activity on Christmas	Page no. 31,32,33,34,
January	*College making activity *Cartoon drawings	Page no. 35,36,37,38
February	Font drawings and practice drawings	39,40,41,42,43,44