

Academic Year 2024-25

Scope and Sequence

Grade 5

Subjects/IMs	IM 1	IM 2	IM 3	IM 4	IM 5	IM 6
Inquiry Module	<p>Theme: Place and Time</p> <p>Main Idea: Exploration of personal histories transforms our lives</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Exploring great heroes around the world • Importance of heroism in the society • Efforts of heroes has an impact on community <p>Topics:</p> <ul style="list-style-type: none"> • What is history? • Significance of history in our lives • Heroes of the past • Case study: Harriet Tubman • Gallery Walk: Real-life heroes • Case study: Dr. B.R. Ambedkar • Character traits of great heroes • Life and contribution of 	<p>Theme: Our Identity</p> <p>Main Idea: Challenges and risks drive us to take ownership</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Challenges and risks that people face • Rights of the people • Ways we manage challenges and risks <p>Topics:</p> <ul style="list-style-type: none"> • Risks and challenges • Case study: Henry Ford • What is a right? • Global issues <ul style="list-style-type: none"> ➤ Challenges faced by women ➤ Child labour ➤ Agricultural labour problems ➤ Poverty ➤ Lack of education • Visual learning (Video) 	<p>Theme: World Laws</p> <p>Main Idea: Exploration of space is impacted by and leads to scientific and technological advances</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Origin and composition of the universe • Dynamics of planets, moons, stars • Impact of space technology in our lives <p>Topics:</p> <ul style="list-style-type: none"> • Introduction to the Solar System • The Big Bang Theory • The universe and its components • Our planets and stars • Constellations, the moon, satellites • Other celestial objects • Stargazing map • Detailed study of individual planets 	<p>Theme: Our Expressions</p> <p>Main Idea: Artists choose techniques to convey forms of information</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Art as a mode of communication • Techniques of artists • Role of art in society <p>Topics:</p> <ul style="list-style-type: none"> • Creativity and creative expression • What is communication? • One-way and two-way communication • The history of art • Three major forms of art • Dance forms • Research: Art form of a particular state • The elements of art/design • The principles of art/design 	<p>Theme: Our Responsibility</p> <p>Main Idea: Humans have responsibility towards managing waste for a sustainable planet</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Impact of waste on the environment • Methods of waste management over Time <p>Responsibility towards waste management</p> <p>Topics:</p> <ul style="list-style-type: none"> • Different types of waste around us • Reading comprehension – Environmental pollution • The environment – forests, mountains, rivers, oceans and the sky • Does waste occur in nature? • Caring for the earth and environment (video) 	<p>Theme: Our Systems</p> <p>Main Idea: Economic Systems impact decision making</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Role of economic system • Sectors of economic activities • Effects of economic decision-making <p>Topics:</p> <ul style="list-style-type: none"> • What is a market? • Market structure and types of markets • Introduction to ‘Economics’ - production, distribution and consumption • The journey of goods from producer to consumer • Economic Principles • Types of economic activities

	<p>Kapil Dev and Mother Teresa</p> <ul style="list-style-type: none"> • Read about: <ul style="list-style-type: none"> ➤ King Ashoka ➤ Nelson Mandela ➤ Stephen Hawking ➤ Hannah Cockcroft ➤ Helen Keller ➤ Heroes from different walks of life ➤ Political ➤ Literary ➤ Entertainment ➤ Music ➤ Religious ➤ Sports • Developing the qualities of a hero • Making decisions that impact the society 	<ul style="list-style-type: none"> ➤ Gender inequality ➤ Child trafficking • Human Rights • Child Rights • UNCRC • Rights specified by UNCRC • Rights and responsibilities • Problems faced by children • The need to protect ‘Child’ and ‘Women’ s rights’ • Research: An NGO that works towards protection of rights • Laws that pertain to protection of right for women and children • Ways by which you can help a child whose rights have been violated • Rings of responsibility 	<ul style="list-style-type: none"> • Interesting facts about our earth • Why is the earth suitable for life? • Why are satellites important? • Types of satellites • Gravity • Zero gravity • Eclipses – Solar and Lunar • Research: Effect of gravity on tides • The Laws of Planetary Motion • Phases of the Moon • Technology Innovation and Global Goals • Global Positioning System (GPS) • Benefits of space technology 	<ul style="list-style-type: none"> • Basic art techniques • Types of art <ul style="list-style-type: none"> ➤ Abstract art ➤ Calligraphy ➤ Visual art ➤ Oil painting ➤ Literature ➤ Sculpture ➤ Cubism • Forms of self-expression <ul style="list-style-type: none"> ➤ Painting ➤ Dance ➤ Sculpture ➤ Drama ➤ Ventriloquism • Discovery and use of Braille • Role of art in society • Art and its influence on you 	<ul style="list-style-type: none"> • Importance of segregation of waste • 5 different types of waste • Biodegradable and non-biodegradable waste • Vermicomposting • Importance of waste management • Waste segregation at home and in school • Recycling and Upcycling • Solid waste – sources, • Problems and guidelines of solid waste management • Effects of poor management of solid waste • Energy recovery from waste material • Waste management hierarchy • Implementing RMPs (Resource Management Plans) • Re-use and Recycling of materials 	<ul style="list-style-type: none"> • Primary, secondary and tertiary sector activities • Economic and non-economic activities • Types of economic systems - capitalist, socialist and mixed economy • Needs versus Wants • Money: Save or spend? • Types of saving goals • Global trade and interdependence • Economic interdependence • Crisis management • Decision making • Economic factors that influence a decision • Economic risks that influence a decision • Market day – make, advertise and sell your product
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English	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction: AV Activity - The Joy of Giving (an Animated Short Film) <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Contemporary Fiction: Two Hands One Heart <p>Let's Write</p> <ul style="list-style-type: none"> How to Write an Opinion Essay <p>Let's Listen</p> <ul style="list-style-type: none"> Audio comprehension: Abdul Kalam - motivational speech <p>Let's Speak</p> <ul style="list-style-type: none"> Topic: The person I admire the most <p>Grammar</p> <ul style="list-style-type: none"> Subject and predicate A clause and a phrase Relative clauses Positive and negative sentences Conditional clauses 	<p>Let's Begin</p> <p>Introduction: Song – AV Activity</p> <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Poetry: The Banyan Tree by Rabindranath Tagore Figurative Language Simile, Metaphor Alliteration, Personification Let's Listen The Printing Press – William Blake <p>Let's Write</p> <ul style="list-style-type: none"> Haiku Poem Note making <p>Let's Speak</p> <ul style="list-style-type: none"> Topic: Effects of deforestation (Save Trees) SDG: 5- Gender Equality Argumentative Essay <p>Grammar</p> <ul style="list-style-type: none"> Complex Sentences Active and Passive Voice Art Integration 	<p>Let's Begin</p> <p>Introduction – AV Activity</p> <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Factual: The Universe Build your vocabulary <p>Let's Listen</p> <ul style="list-style-type: none"> Audio Comprehension: Canadian Astronaut –Col. Chris Hadfield speaks on life on the space station <p>Let's Write</p> <ul style="list-style-type: none"> Diary Entry Note-making <p>Let's Speak</p> <ul style="list-style-type: none"> Topic: Reading is fun Art Integration Creating a space station / space shuttle and presenting to class <p>Grammar</p> <ul style="list-style-type: none"> Direct Speech Reported Speech Order of reported statements, questions, commands, suggestions, requests 	<p>Let's Begin</p> <p>Introduction – AV Activity</p> <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Factual: Biography M.F. Hussain Michelangelo Let's Listen Music - a form of art The Dynamite song Pair and Share Activity - Creative Thinking <p>Let's Write and Speak</p> <ul style="list-style-type: none"> PPT Presentation Assess your creativity <p>Let's Write</p> <ul style="list-style-type: none"> Formal Letter Writing Art Integration Abstract Art <p>Grammar</p> <ul style="list-style-type: none"> Auxiliary/Helping Verbs Modal Verbs 	<p>Let's Begin</p> <p>Introduction – AV Activity</p> <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Factual: News Report Let's Write Persuasive Essay Let's Make Poster Making Writing a Book Review <p>Let's Speak</p> <ul style="list-style-type: none"> Reading is a Pleasure Let's Listen Listening Comprehension: Bill Gates on Reading <p>Grammar</p> <ul style="list-style-type: none"> Active and Passive voice Homophones Homonyms 	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction- Kindness Let's Know The Importance of Being Kind Simple Acts of Kindness Let's Sensitise Ourselves Global Corona virus crisis inspires creativity and kindness Let's Watch Audio-Visual Comprehension: The Happy Prince by Oscar Wilde <p>Let's Speak</p> <ul style="list-style-type: none"> Preserving Flora and Fauna Let's Listen Story Sequencing: The Large Carrot Let's Write India's Economic Growth <p>Grammar</p> <ul style="list-style-type: none"> Punctuation Future Tense Art Integration Instructional Drawing
	Mathematics	Number concept	Number concept	Number concept	Number concept	Number concept

	<ul style="list-style-type: none"> Place value of 8 digit number – Indian and International system Successor and Predecessor Ascending and descending order Addition Subtraction Multiplication Roman Numerals <p>Money</p> <ul style="list-style-type: none"> Cost Price Selling Price Word Problems <p>Time</p> <ul style="list-style-type: none"> Elapsed Time Time conversion Word problems <p>Shapes</p> <ul style="list-style-type: none"> Basic Shapes Regular and Irregular polygons Reflection Rotation <p>Measurement</p> <ul style="list-style-type: none"> Area of Squares and Rectangles Volume of a cube and Cuboid Metric units and conversions <p>Data handling</p> <ul style="list-style-type: none"> Types of graphs to represent data- 	<ul style="list-style-type: none"> Division by two digit number Mixed word problems Equivalent fraction Comparing fractions Decimals Decimal place values <p>Money</p> <ul style="list-style-type: none"> Word Problems on Cost Price, Selling Price, Profit and Loss Bill Making <p>Shapes</p> <ul style="list-style-type: none"> Perimeter of a regular shape Circle-relationship between diameter and radius Area of a Circle <p>Measurement</p> <ul style="list-style-type: none"> Units of Volume Volume of Cube and Cuboid Word Problems <p>Time</p> <ul style="list-style-type: none"> 12-Hour Time 24-Hour Time Multiplication and Division of Time Word Problems <p>Data handling</p> <ul style="list-style-type: none"> Pie charts (Circle Charts) 	<ul style="list-style-type: none"> Decimal to fraction conversions Fraction to Decimal conversions Addition of Decimal numbers <p>Shapes</p> <ul style="list-style-type: none"> Perimeter of combination of Shapes Area of composite Shapes Types of Angles <p>Money</p> <ul style="list-style-type: none"> Conversion of Rupees and Paise Word Problems <p>Measurement</p> <ul style="list-style-type: none"> Units of measurement Units conversion Speed, distance and Time calculations <p>Time</p> <ul style="list-style-type: none"> Time with temperature, distance <p>Data handling</p> <ul style="list-style-type: none"> Interpret data and Construct Pie charts <p>Patterns</p> <ul style="list-style-type: none"> Tessellation Patterns 	<ul style="list-style-type: none"> Multiplying decimals by 10, 100 and 1000 Dividing decimals by 10, 100 and 1000 Addition and Subtraction of decimal numbers Multiplying decimals Dividing decimals Number concept Multiplying decimals by 10, 100 and 1000 Dividing decimals by 10, 100 and 1000 Addition and Subtraction of decimal numbers Multiplying decimals <p>Dividing decimals</p> <p>Money Concept</p> <ul style="list-style-type: none"> Bill Making Rounding off Word problems <p>Measurement</p> <ul style="list-style-type: none"> Unit conversions Word problems <p>Shapes</p> <ul style="list-style-type: none"> Types of Angles Measuring Angles Temperature 	<ul style="list-style-type: none"> Relationship between fractions and decimals Converting fraction into decimal Converting decimals into fraction Word Problems Integers <p>Shapes</p> <ul style="list-style-type: none"> Constructing triangles using side and angle Sets of angles - Vertical opposite angles, complementary angles, Supplementary angles Temperature Converting temperature from Celsius to Fahrenheit and Fahrenheit to Celsius <p>Data handling</p> <ul style="list-style-type: none"> Interpreting and constructing Pie Chart Applications of Pie Chart <p>Measurement</p> <ul style="list-style-type: none"> Word problems on measurements- 	<ul style="list-style-type: none"> LCM and HCF Mixed Word Problems involving fractions, decimals. <p>Shapes</p> <ul style="list-style-type: none"> Adjacent angles Alternate angles Corresponding angles <p>Time/Temperature</p> <ul style="list-style-type: none"> Measuring Volume Word problems <p>Data handling</p> <ul style="list-style-type: none"> Data representation using pie charts, bar graphs, line graphs <p>Money Concept</p> <ul style="list-style-type: none"> Conversion of currency Word Problems <p>Measurement</p> <ul style="list-style-type: none"> Units of conversion Measuring volume Word problems <p>Patterns</p> <ul style="list-style-type: none"> Pattern through coding Creating codes
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	Pictographs, Bar graph, Line graph, Tally Chart, Circle (pie chart) Patterns <ul style="list-style-type: none"> Number Patterns – Square numbers, triangular numbers, cubes, Shapes etc. 	Patterns <ul style="list-style-type: none"> Number Patterns involving special numbers 		<ul style="list-style-type: none"> Reading temperatures Celsius temperature Standard measure of temperatures Data handling <ul style="list-style-type: none"> Constructing Pie chart Patterns <ul style="list-style-type: none"> Arithmetic Pattern Geometric Pattern 	length, mass and capacity Patterns <ul style="list-style-type: none"> Coding a number pattern Flow charts Money Concept <ul style="list-style-type: none"> Conversion of currency using decimals 	
2nd L- Hindi	पाठ- 1 माँ, कह एक कहानी पाठ- 2 गिरगिट का सपना पाठ -3 रवींद्रनाथ टैगोर पाठ -4 चूहा और मैं	अभ्यास प्रश्न पत्र दान का हिसाब (पठन हेतु) पाठ -5 टेसू राजा अड़े खड़े पाठ -6 पेड़ पर बिताए तीन दिन पाठ -7 महाराज युधिष्ठिर और नेवला	पाठ -8 भारतीय संस्कृति की प्रतीक: गुफाएँ हुदहुद (पठन हेतु) अभ्यास प्रश्न पत्र पाठ - 9 दोहे (कबीर) पाठ - 10 मणिपुर अर्द्धवार्षिक परीक्षा अभ्यास-1	पाठ - 11 बुद्धि विक्रेता पाठ -12 नवजात अभ्यास प्रश्न पत्र नादान दोस्त (पठन हेतु)	पाठ - 13 वृक्ष (लेख) पाठ - 14 हो जाएगा (प्रेरणादायक कथन) नन्हा फनकार (पठन हेतु)	पाठ - 15 खिलौनेवाला पाठ - 16 सुनीता की पहिया कुरसी अभ्यास प्रश्न पत्र अर्द्धवार्षिक परीक्षा अभ्यास - 2
2nd L- RL						
2nd L- FL						
ICT	Ch : 1 Evolution of Computers Ch : 2 Types of Software	Ch : 3 File Management Ch : 4 Creating Tables in MS Word	Ch : 5 Working on Power Point Ch : 6 Windows Movie Maker	Ch : 7 More on Microsoft Excel	Ch : 8 Internet - Online Surfing Ch : 9 Introduction to Prezi	Ch : 10 Program Planning Technique

<p>Art & Craft</p>	<ul style="list-style-type: none"> • Cave painting. • History of arts • Father's Day Craft (Origami) • Great personalities journal • Great personalities journal • Tertiary Colours 	<ul style="list-style-type: none"> • Inspirational thoughts [my rights - Write ups] display board • Inspirational thoughts [my rights - Write ups] display board • How to Make Waterfall Card [Making my birthday budget plan] pg. no 77 • How to Make Waterfall Card [Making my birthday budget plan] pg. no 77 • How to convert from a 12-hour clock to a 24-hour clock [group work] • How to convert from a 12-hour clock to a 24-hour clock [groupwork] 	<ul style="list-style-type: none"> • Space station spray art (Group activity) • Galaxy Spray painting Art (Group activity) • Photo frame with Paper Quilling • Photo frame with Paper Quilling • Tessellation Art Making photo frame • Tessellation Art Making photo frame 	<ul style="list-style-type: none"> • Indian art of history [Folk and tribal art [Madhubani, Pattachitra, Patuna, Gond, Kalamkari, Tanjore, Warli] • Indian art of history [Folk and tribal art [Madhubani, Pattachitra, Patuna, Gond, Kalamkari, Tanjore, Warli] • Deep knowledge/ understanding of Indian art [Scrap book folding] • Deep knowledge/ understanding of Indian art [Scrap book folding] • Concept of Pie chart (working model) • Concept of Pie chart (working model) 	<ul style="list-style-type: none"> • The environment Forests, beaches, ocean, Mountains, hedgerows, Rivers, lakes and ponds Drawing and colouring • The environment Forests, beaches, ocean, Mountains, hedgerows, Rivers, lakes and ponds Drawing and colouring • Best out of waste with bottle • Best out of waste with bottle • Best out of waste with bottle (Christmas tree painting) • Best out of waste with bottle (Christmas tree Painting) 	<ul style="list-style-type: none"> • Piggy Bank with Clay • Piggy Bank with Clay • Punctuation Marks • Punctuation Marks • Pattern Art on Bottle (Mandala Art) • Pattern Art on Bottle (Mandala Art)
<p>Vedic Math</p>	<ul style="list-style-type: none"> • Introduction • Fun with Vedic Maths • Addition of 11 Single, Double and triple digit numbers using Vedic maths\ • Addition of 11 four, five and six digit numbers using Vedic maths 	<ul style="list-style-type: none"> • Subtraction of 6,7,8,9 10,11,12 and 13 digit numbers from left to right • Multiplication with 11, 111, 1111, 11111..... • Multiplication with 12,112,1112, 11112,.... And 	<ul style="list-style-type: none"> • Multiplication with 16, 116, 1116,....., 17, 117, 1117,....., 18,118,1118,..... and 19,119,1119,..... • Multiplication of numbers with same tens digit and sum 	<ul style="list-style-type: none"> • Multiplication of numbers with all 9 and number of digits in the multiplicand are greater than number of 9s. Multiplication of the numbers near to 10 and greater than 10 	<ul style="list-style-type: none"> • Multiplication of the numbers near to 100 and less than 100 • Multiplication of the numbers near to 100 and One number greater than 100 and the other less than 100 	<ul style="list-style-type: none"> • Adding 10 Consecutive numbers • Division by 9 • Recap

	<ul style="list-style-type: none"> Subtraction of 2,3,4 and 5 digit numbers from left to right using Vedic math 	13,113,1113, 11113,... <ul style="list-style-type: none"> Multiplication with 14,114,1114,..... and 15,115,1115,..... 	of units places is 10. <ul style="list-style-type: none"> Multiplication of numbers with all 9 and equal number of digits Multiplication of numbers with all 9 and number of digits in the multiplicand are less than number of 9s. 	Multiplication of the numbers near to 10 and less than 10 Multiplication of the numbers near to 10 and One number greater than 10 and the other less than 10 Multiplication of the numbers near to 100 and greater than 100	<ul style="list-style-type: none"> Multiplication of the numbers near to 1000 and greater than 1000 Multiplication of the numbers near to 1000 and less than 1000 Multiplication of the numbers near to 1000 and One number greater than 1000 and the other less than 1000 	
Music-Instrument						
Dance-WD/CD						
SEP-PE						

Note: Schools are to add the syllabus for the subjects left blank in the above table. They may also add subjects and the respective syllabus that they offer to students at their end.