

Academic Year 2024-25
Scope and Sequence
Grade 4

Subjects/IMs	IM 1	IM 2	IM 3	IM 4	IM 5	IM 6
Inquiry Module	<p>Theme: Our Systems</p> <p>Main Idea: Government systems influence the lives of citizens</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Functions of government systems • Ways of decision-making reflect human rights • Impact of government on citizenship responsibility <p>Topics:</p> <ol style="list-style-type: none"> 1. Introduction to the term ‘organisation’ 2. Structure of an organisation 3. Purpose of a government 4. Democracy 5. Structure of the Indian Government 6. Types of Government 	<p>Theme: Our Responsibilities</p> <p>Main Idea: Human intervention has an impact on the environment</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Interconnectedness of the components of the Earth and atmosphere • Changes in the earth and atmosphere • Impact of these changes on people <p>Topics:</p> <ol style="list-style-type: none"> 1. The term ‘Environment’ and related words 2. Layers of the earth 3. Layers of the atmosphere 4. Natural resources found on earth 5. Global warming and its causes 6. Carbon footprint 7. Climate Change 	<p>Theme: Place and Time</p> <p>Main Idea: Discoveries and exploration lead to migration.</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Reasons for migration • Migration throughout history • Effects of migration on communities, cultures and individuals <p>Topics:</p> <ol style="list-style-type: none"> 1. Introduction to migration 2. Migration in the human society 3. Types of migration 4. Migrants and refugees 5. Reasons for migration – PUSH and PULL factors 6. Adaptations in living beings 7. Adaptations in animals 8. Adaptations in plants 9. Migration throughout history 	<p>Theme: Our Expressions</p> <p>Main Idea: Elements of culture provide a window to beliefs and values</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Aspects of culture, beliefs, values • Ways to express culture • Influence of cultural and social norms <p>Topics:</p> <ol style="list-style-type: none"> 1. Introduction to ‘Culture’ and ‘Tradition’ 2. Elements of your family culture 3. Family traditions 4. The cultural iceberg 5. Unique family cultures around the world 6. Comparison of cultures between home country and host country 7. Major characteristics of culture 8. Exploring interesting cultures around the world 	<p>Theme: Our Identity</p> <p>Main Idea: Human choices impact health and well-being</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Classification of health issues • Epidemic and Pandemic • Different sources of information help us make healthy choices <p>Topics:</p> <ol style="list-style-type: none"> 1. Healthy and unhealthy habits 2. Making healthy choices 3. Importance of health and well-being 4. Habit tracker 5. Body hygiene 6. Balance of physical, mental and emotional health 7. Different emotions and how they affect our behaviour 	<p>Theme: World Laws</p> <p>Main Idea: Conversion and usage of energy supports human progress</p> <p>Lines of Learning:</p> <ul style="list-style-type: none"> • Energy and its uses • Transformation of energy • Sustainable energy practices <p>Topics:</p> <ol style="list-style-type: none"> 1. Introduction to Energy 2. Types and sources of energy 3. Renewable vs Non-renewable energy 4. Kinetic and potential energy 5. Natural sources of energy 6. Different forms of energy 7. Transfer of heat energy – conduction, convection, radiation

	<ul style="list-style-type: none"> 7. Branches of the Government 8. Fundamental rights and duties under the Indian Constitution 9. Your rights and duties at school 10. How does an organisation work to solve a global issue? 11. The United Nations – Organs and Functions 12. Organisations that work for global peace 13. Leadership 14. Role of a leader in an organisation 15. Traits of a good leader 16. Language integration – Letter Writing 17. Choosing a good leader 18. Contributions you can make as a leader 19. Responsibilities as a good citizen 	<ul style="list-style-type: none"> 8. Impact of global warming on your town 9. Natural and Man-made disasters 10. How to assemble a survival kit? 11. The ozone layer and its importance 12. Impact of climate change on the environment 13. Rising temperatures of planet earth 14. The 7Rs 	<ul style="list-style-type: none"> 10. Pre-historic migration, ancient migration, migration in the Middle Ages 11. Host country and Country of origin 12. Advantages and disadvantages of migration 13. International Migrants' Day 14. How would migration impact your life? 	<ul style="list-style-type: none"> 9. The Kalasha people, Nyishi tribe, Australian Aborigines 10. Indigenous art 11. Among family traditions and customs 12. Special features of Indian cultures 13. Unity in Diversity 14. Impact of westernization in India 15. Influence of culture on our feelings, thinking and being 	<ul style="list-style-type: none"> 8. The Self-Care Wheel 9. Managing Stress 10. Communicable and non-communicable diseases 11. Diseases caused by viruses, bacteria, fungi and protozoa 12. Research: Diseases caused by Helminths 13. Other categories of diseases 14. Epidemic and Pandemic 15. Case study of an epidemic and a pandemic 16. COVID -19 17. Precautions to be taken during an epidemic/pandemic 18. Preventive measures against diseases 19. Vaccination and immunisation 20. Awareness campaign on the importance of vaccination 	<ul style="list-style-type: none"> 8. Law of Conservation of Energy 9. Conservation of energy in daily life 10. Survey: Energy transformation seen in devices around you 11. Responsible use of energy 12. 'Saving Energy' Challenge 13. Energy Literacy Principles 14. Energy efficient devices and Energy Star labels 15. Make your house 'Energy- Efficient'
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English	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Fiction: Maria and the Friendly Goat <p>Let's Speak</p> <ul style="list-style-type: none"> Topic: Saving our environment Pleasure Reading Japan's most famous dog - Hachiko <p>Let's Write</p> <ul style="list-style-type: none"> Dialogue Writing <p>Let's Listen</p> <ul style="list-style-type: none"> Audio comprehension: Beautiful Day (song) <p>Grammar</p> <ul style="list-style-type: none"> Apostrophe “s” Compound sentences Coordinating Conjunctions Speech Marks / Quotation Marks Note writing Doable Activity 	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction-AV activity <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Factual: The eruption of Krakatau <p>Let's Listen</p> <ul style="list-style-type: none"> Audio comprehension: Natural disasters <p>Let's Speak</p> <ul style="list-style-type: none"> Topic: Life saving strategies during a disaster <p>Let's Write</p> <ul style="list-style-type: none"> Formal letter Write a formal letter to the Principal <p>Nouns</p> <ul style="list-style-type: none"> Common nouns and Proper nouns Collective noun Compound noun Abstract nouns Concrete nouns <p>Art Integration</p> <ul style="list-style-type: none"> Art with Pencil Sharpening 	<p>Let's Begin</p> <ul style="list-style-type: none"> Understanding the theme by coloring images <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Poetry: Nature and Amma - by M. Vijay <p>Let's Learn</p> <ul style="list-style-type: none"> Figurative Language – Simile, Metaphor, Alliteration Personification <p>Let's Write</p> <ul style="list-style-type: none"> Poetry using Simile and Metaphor Sustainable City – SDG Goal No:11 <p>Let's Write</p> <p>Article writing</p> <p>Let's Speak</p> <p>My dream city – A Green City</p> <p>Art integration</p> <p>Grammar</p> <ul style="list-style-type: none"> Verb Tense Review Simple Present Tense Present Continuous Tense Simple Past Tense Past Continuous Tense Conjunctions 	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction-AV Activity: Class Discussion <p>Let's Read</p> <ul style="list-style-type: none"> Genre- Fiction: The Wise Young man Let's Learn Acrostic Poem How to write an acrostic poem? Writing an acrostic poem for your name <p>Let's Watch and Listen</p> <ul style="list-style-type: none"> Audio-visual comprehension: The Ker-PLUNK Sustainable cities and communities <p>Let's Speak</p> <p>Skit: 'Ek Bharath Shrestha Bharath'</p> <p>Grammar</p> <ul style="list-style-type: none"> Present and Past Continuous Tenses Informal Letter Writing (using present and past Continuous tenses) Conjunctions 	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction-AV Activity <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Poetry: Flowers Reading comprehension tasks Let's Learn Idioms <p>Let's Write</p> <ul style="list-style-type: none"> Story Writing using Idioms <p>Let's Speak</p> <ul style="list-style-type: none"> Healthy Lifestyle <p>Let's Watch and Listen</p> <ul style="list-style-type: none"> Audio comprehension: The Lost Letter (narrated by Kate Winslet) <p>Grammar</p> <ul style="list-style-type: none"> Adjectives Degrees of Comparison Order of Adjectives Possessive Adjectives Present Perfect Tense Present Perfect Continuous Tense 	<p>Let's Begin</p> <ul style="list-style-type: none"> Introduction-AV Activity <p>Let's Read</p> <ul style="list-style-type: none"> Genre – Factual: Polar Bears <p>Let's Listen</p> <ul style="list-style-type: none"> Environmental issues and endangered animals <p>Let's Write</p> <p>Newspaper Article Writing</p> <p>Let's Speak</p> <ul style="list-style-type: none"> Clean and Sustainable Energy <p>Grammar</p> <ul style="list-style-type: none"> Adverbs Adverbs of Manner Adverbs of Time Adverbs of Place Adverbs of Frequency Future Tense <p>Let's Create</p> <ul style="list-style-type: none"> Topic: My world in 2040 – PPT presentation

			<ul style="list-style-type: none"> Coordinating Conjunction Subordinating Conjunction 		<ul style="list-style-type: none"> Past Perfect Tense 	
Mathematics	<p>Number concept</p> <ul style="list-style-type: none"> Integers Roman Numerals Multiplication tables Word problems <p>Shapes</p> <ul style="list-style-type: none"> Circle and its parts Relationship between diameter and radius Open and closed shapes <p>Money</p> <ul style="list-style-type: none"> Estimation of bills mentally Unit cost from multiple cost Bills and invoices <p>Measurement</p> <ul style="list-style-type: none"> Weighs using weighing balance Application based problems on length, weight and capacities <p>Time</p>	<p>Number concept</p> <ul style="list-style-type: none"> Division algorithm Divisibility tests Using divisibility test to check out prime numbers Multiple and factors Common multiples Least common multiple (LCM) <p>Shapes</p> <ul style="list-style-type: none"> Perimeter and area of squares and rectangles Perimeter of regular and irregular shapes Household budget Word problems on household budget Data Handling Circle charts <p>Measurement</p> <ul style="list-style-type: none"> Units of measurement Standard units and sub-units of length, mass and volume 	<p>Number concept</p> <ul style="list-style-type: none"> Rounding off whole numbers and estimating products Common factors Highest common factor (HCF) Prime factors Prime factorization Multiplication of three digit number by two digit number Distributive property of multiplication Word problems on multiplication <p>Shapes</p> <ul style="list-style-type: none"> Right angle triangles -perimeters and areas Area using tiles <p>Money</p> <ul style="list-style-type: none"> Setting up a simple business (project work) <p>Measurements</p> <ul style="list-style-type: none"> Measurement of circumference of circular objects <p>Time</p> <p>Time differences around the world Time zone</p> <p>Data Handling</p>	<p>Number concept</p> <ul style="list-style-type: none"> Division of three digit numbers by two digit numbers Word problems on multiplication and division Types of fractions Simplifying fractions Converting mixed fraction to improper fractions Converting improper fractions to mixed fractions Comparing fractions <p>Shapes</p> <ul style="list-style-type: none"> Regular polygons Identifying a regular polygon Perimeter of a polygon <p>Money</p> <ul style="list-style-type: none"> Word problems on Money and banking Writing a cheque Filling up demand draft (DD) <p>Measurements</p> <ul style="list-style-type: none"> Estimating volumes Volume using unit cube <p>Time</p> <ul style="list-style-type: none"> Brain teasers on time 	<p>Number concept</p> <ul style="list-style-type: none"> Multiplication of fractions -proper and improper Division of fractions-proper and improper Calculating the fraction of a number Word problems on fractions <p>Shapes</p> <ul style="list-style-type: none"> Types of polygons special polygons Perimeter of polygons <p>Money</p> <ul style="list-style-type: none"> Borrowing and lending-word problems <p>Measurements</p> <ul style="list-style-type: none"> Measuring distance, speed and time Measuring Volume-flowrate <p>Time</p> <ul style="list-style-type: none"> Adjusting time as per time zone <p>Data Handling</p> <ul style="list-style-type: none"> Represent data in a circle chart <p>Patterns</p>	<p>Number concept</p> <ul style="list-style-type: none"> Multiples, factors and prime factors Whole numbers and fractions Mixed word problems <p>Shapes</p> <ul style="list-style-type: none"> Polygons Perimeter and area of polygons <p>Money</p> <ul style="list-style-type: none"> Loans, savings and expenses-word problems <p>Measurements</p> <ul style="list-style-type: none"> Length, weight and capacity – word problems Measuring rates <p>Time</p> <ul style="list-style-type: none"> Brain teasers-time Fractional time Mixed word problems on time <p>Data Handling</p> <ul style="list-style-type: none"> Data tabulation and display <p>Patterns</p> <ul style="list-style-type: none"> Number patterns Rule of a pattern

	<ul style="list-style-type: none"> 24 hours clock comparison with 12-hour clock Data handling <ul style="list-style-type: none"> Data with two variables Patterns <ul style="list-style-type: none"> Number patterns – Multiplication 	<ul style="list-style-type: none"> Conversion of units Time <ul style="list-style-type: none"> Measure of time Fractional time Word problems on time Patterns <ul style="list-style-type: none"> Mirror images Making codes 	Double bar graphs Patterns <ul style="list-style-type: none"> Pattern reflections Creating patterns 	Data Handling <ul style="list-style-type: none"> Line graphs Patterns <ul style="list-style-type: none"> Terms in a number pattern 	<ul style="list-style-type: none"> Terms in number pattern 	
2nd L- Hindi	पाठ- 1 पर्वत कहता पाठ- 2 लालच पाठ- 3 गुरु जी की रात्रि व्यथा पाठ- 4 शिष्टाचार की सीख	अभ्यास प्रश्न पत्र बताओ मैं कौन हूँ (पठन हेतु) पाठ- 5 मेरे देश का प्यार झंडा पाठ- 6 मनुष्य का दिमाग पाठ- 7 साइना नेहवाल हँसी के गुब्बारे (पठन हेतु)	पाठ- 8 जन्मदिन की वर्षगांठ पाठ- 9 डायरी के पन्ने पाठ- 10 वीर तुम बढ़े चलो अभ्यास प्रश्न पत्र अर्द्धवार्षिक परीक्षा अभ्यास-1	पाठ- 11 विद्या का अभिमान पाठ- 12 प्रतियोगिता अभ्यास प्रश्न पत्र गिनती कविता (पठन हेतु)	पाठ- 13 संगति की महिमा पाठ- 14 बुढ़िया	पाठ- 15 गुप्तकाल पाठ- 16 खेलकूद अभ्यास प्रश्न पत्र हाथी के बारे में रोचक तथ्य (पठन हेतु) अर्द्धवार्षिक परीक्षा अभ्यास-2
2nd L- RL						
2nd L- FL						

ICT	Ch : 1 Storage and Memory devices	Ch : 2 More about Windows 10 Ch : 3 Working with MS Word	Ch : 4 Editing in MS Word 2016 Ch : 5 MS Power Point	Ch : 6 Internet Applications	Ch : 7 Academic Honesty	Ch : 8 Introduction to MS Excel
Art & Craft	<ul style="list-style-type: none"> • Edify (Your School Name)- System Tree • Edify (Your School Name)- System Tree • Father’s Day Craft (Origami) • Picture Collage -My Leader Pictures • Picture Collage -My Leader Pictures • Primary and Secondary colours 	<ul style="list-style-type: none"> • Making poster for environment and global warming • Making poster for environment and global warming • Making of Green house model • Making of Green house model • Identify Regular and Irregular Shapes (Pentagon, Hexagon) • Identify Regular and Irregular Shapes (Pentagon, Hexagon) 	<ul style="list-style-type: none"> • Recycling Plastic Bottles into Great Flower Pots • Recycling Plastic Bottles into animals (Plant Pots) • How to draw Alphabets [mirror image] • How to draw my name Plate [mirror image] • Card making [paper quilling.] • Card making [paper quilling.] 	<ul style="list-style-type: none"> • Dressing up the Dolls [Indian culture] • Dressing up the Dolls [Indian culture] • Indigenous Australian Arts • Indigenous Australian Arts • 3D Line Drawing • 3D Line Drawing 	<ul style="list-style-type: none"> • My friends (Picture Collage) • My friends (Picture Collage) • Paper Flower Poinsettia Wreath Wall hanging • Paper Flower Poinsettia Wreath Wall hanging • Felling cards emoji (Photo booth) • Felling cards emoji (Photo booth) 	<ul style="list-style-type: none"> • Pinwheel Working Model (Source of Energy) • Pinwheel Working Model (Source of Energy) • Types of Energy/Natural Resources(Drawing and Colouring) • Types of Energy/Natural Resources(Drawing and Colouring) • Make 24 hrs. & 12 hrs. Working Model of Clock • Make 24 hrs. & 12 hrs. Working Model of Clock
Vedic Math	<ul style="list-style-type: none"> • Introduction Fun with Vedic Maths • Addition of 11 single, Double, triple, four and five digit numbers" 	<ul style="list-style-type: none"> • Subtraction of 2 & 3 digit numbers, 4,5 & 6 digit numbers, 7,8 and 9 digit numbers and 10,11,12 and more digit numbers from left to right • Multiplication with 11,111,1111 	<ul style="list-style-type: none"> • Multiplication with 11111,.. • Multiplication with 12,112,1112,11112,.. • Multiplication with 13,113,1113,11113,.. 	<ul style="list-style-type: none"> • Multiplication with 14,114,1114,11114,.. • Multiplication with 15,115,1115 • Multiplication of numbers with same tens digit and sum of units places is 10. • Multiplication of numbers with all 9 and equal number of digits 	<ul style="list-style-type: none"> • Multiplication of numbers with all 9 and number of digits in the multiplicand are less than number of 9s. • Multiplication of numbers with all 9 and number of digits in the multiplicand are greater than number 	<ul style="list-style-type: none"> • Square of a number near to 100 and greater than 100 • Square of a number near to 100 and less than 100 • Square of a number near to 1000 and greater than 1000 • Recap

					of 9s. Square of a number near to 10 and greater than 10 Square of a number near to 10 and less than 10	
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.