



Semester Overview 2021 -2022

Class: 7		June 2021 - September 2021
Subject	Name of Units/Chapter	Skills
ENGLISH	<p>The Story of an Invitation (Prose)</p> <p>Moon-Wind (Poem)</p> <p>The Sri Krishna Eating House (Prose)</p> <p>Home and Love (Poem)</p> <p>The Story of Keesh (Prose)</p> <p>Daffodils (Poem)</p>	<p>Reading and viewing:</p> <ul style="list-style-type: none"> • Read fluently and demonstrate comprehension and interpretation of a range of grade-appropriate literary texts, featuring some complexity in theme, writing techniques and specialized language, including literature from modern and ancient cultures, short stories, novels, non-fiction and instructional material, reports and articles, advertising and promotional materials, authentic texts, poems and plays in a variety of forms • Demonstrate comprehension of visual texts with specialized features and complex ideas (e.g., visual components of media such as magazines, newspapers, web sites, reference books, graphic novels, broadcast media, videos, advertising and promotional materials) • Select and use various strategies <i>before</i> reading and viewing to develop understanding of text, including setting a purpose, accessing prior knowledge to make and share connections, making predictions, asking questions, previewing texts • Select and use various strategies <i>during</i>

		<p><i>reading and viewing to construct, monitor, and confirm meaning, including predicting, making connections, asking and answering questions, making inferences and drawing conclusions, figuring out unknown words, reading selectively, determining the importance of ideas/events, summarizing and synthesizing, identifying facts, opinions and writers'/ narrator's/ characters' bias</i></p> <ul style="list-style-type: none">● <i>Select and use various strategies after reading and viewing to confirm and extend meaning, including making inferences and drawing conclusions, reflecting and responding, using graphic organizers to record information and summarizing and synthesizing</i>● <i>Respond to selections they read or view, by expressing opinions and making judgements supported by reasons, explanations, and evidence, explaining connections (text-to-self, text-to-text, and text-to-world), identifying personally meaningful selections, passages, and images and comparing various viewpoints, analysing descriptive texts to infer meaning, opinion and attitude and synthesizing new ideas</i>● <i>Identify how structures and features of text work to develop meaning, including form, function, and genre of text (e.g., brochure about smoking to inform students; genre is persuasive) 'text features' (e.g., copyright, table of contents, headings, index, glossary, diagrams, sidebars, hyperlink, pull-quotes)</i>
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		<p>literary elements (e.g., characterization, mood, setting, viewpoint, foreshadowing, conflict, protagonist, antagonist, theme, descriptions) non-fiction elements (e.g., topic sentence, development of ideas with supporting details, central idea, evidence or example, explanation) literary devices (e.g., imagery, onomatopoeia, simile, metaphor, symbolism, personification and other figures of speech) idiomatic expressions</p> <p>Writing:</p> <ul style="list-style-type: none">• Write a variety of clear personal, formal, instructional, persuasive, argumentative, imaginative and visual representations that demonstrate connections to experiences, ideas, opinions and visual clues• Clearly develop ideas, mood and setting by using effective supporting details, explanations, analysis, insights and sensory details• Demonstrate sentence fluency through strong, well-constructed sentences that demonstrate a variety of lengths and patterns, with an increasingly fluid style, rhythm and flow• Demonstrate effective word choice through the use of precise nouns, verbs, adjectives and modifiers, purposeful use of figurative and sensory language with increasing sophistication• Demonstrate the effective use of tone and voice (first person, second person,
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		<p>omniscient narrator etc.) to suit the purpose and audience</p> <ul style="list-style-type: none">• Use a format and/or organisation that is meaningful, logical, effective and appropriate to the purpose and audience with an appropriate beginning (e.g. salutation in a letter, address, indentation etc.) middle (subject line, paragraphing etc.) and ending (closing etc.)• Demonstrate effective control over all aspects of coherence and cohesion (cohesive devices, referencing, substitution, sequence markers, establishing logical relationships, conjunctions, connectives etc.)• Select and use various strategies before writing and representing, including establishing a purpose, identifying an audience, genre, and form and generating, selecting, developing, and organizing ideas from personal interest, prompts, texts, and/or research• Select and use various strategies during writing and representing to express and refine thoughts, including analysing models of literature accessing multiple sources of information consulting reference materials considering and applying feedback from discussions to revise ideas, organization, voice, word choice, and sentence fluency revising and editing• Select and use various strategies after writing and representing to improve their work, including checking their work
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		<p>against established criteria revising to enhance writing traits (e.g., ideas, sentence fluency, word choice, voice, organization) editing for conventions (e.g., grammar and usage, capitalization, punctuation, spelling</p> <ul style="list-style-type: none">• Use writing and representing to critique, express personal responses and relevant opinions, and respond to experiences and texts Write short pieces of continuous prose in response to questions by developing explanations, analysing the relationships in ideas and information, making generalizations, speculating about alternative viewpoints, providing supporting evidence and presenting personal opinions• Use the features and conventions of language accurately to express meaning in writing and representing, including complete simple, compound, and complex sentences subordinate and independent clauses correct subject-verb and pronoun agreement in sentences with compound subjects correct and effective use of punctuation conventional Canadian spelling for familiar and frequently used words spelling unfamiliar words by applying strategies (e.g., phonic knowledge, use of common spelling patterns, dictionaries, thesaurus) legible writing appropriate to context and purpose
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MATHS	<p>Number Sense:</p> <ul style="list-style-type: none">• Integers• Fractions• Ratio and proportion• Direct and Inverse variation (Unitary method)• Percentage• Speed distance time <p>Geometry:</p> <ul style="list-style-type: none">• Pairs of angles• Properties of triangle• Constructions	<ul style="list-style-type: none">• Solve all the 4 operations of integers and fractions• Identify the properties of integers• Solve daily life problems• Identify direct and indirect variation in the given situation• Explain the concepts of direct and indirect variations using real life examples• Apply the rules of direct/indirect variations to solve real world problems• Compare the ratio proportion method and unitary method to solve same problem• Apply the rules of unitary method to solve real world problems involving:<ul style="list-style-type: none">◦ Number of days and work done• Describe percentage and its significance in real life• Convert between fractions, decimals and percentages• Find percentages of different quantities• Calculate and Define percentage increases/decreases and relate it with real world• Solve problems related to speed, distance and time • Identify pairs of angles like linear, complementary, adjacent, supplementary, and vertically opposite angles• Hypothesize the relationship between pairs of angles out of eight angles formed by transversal with parallel lines• Verify angle sum properties
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	<p>Mensuration:</p> <ul style="list-style-type: none"> Perimeter and area <p>Data Handling:</p> <ul style="list-style-type: none"> Statistics Graphical Representation of data 	<ul style="list-style-type: none"> Construct simple triangles when three out of six elements are given. State different units of measurements State/apply the formulas to calculate area of plane figures like square, rectangle and triangle Apply the concepts of mensuration to solve real world problems Collect/Organize data for appropriate statistical analysis Effectively display the information in data sets graphically in the form of a bar graph and pie chart Find various representative values(Mean, median and mode) for simple data from daily life
<p>PHYSICS</p>	<p>Chapter 1: Physical Quantities and Measurement</p>	<ul style="list-style-type: none"> Define volume Express volume of an object in a proper unit with proper symbols Measure volume of a liquid using a graduated cylinder and a graduated beaker Estimate the area of an object of irregular shape using a graph paper Measure the volume of an irregular solid using a graduated cylinder/ beaker Define density and write its formula Express density in a proper unit and symbol Measure density of a regular / irregular solid

	<p>Chapter 2: Motion</p> <p>Chapter 3: Energy</p> <p>Chapter 4:Light Energy</p>	<ul style="list-style-type: none">● Express result of measurement in a proper unit with proper symbol● Define speed and write its formula● Express speed in proper units with proper symbol● Solve simple numerical problems based on formula of density and speed <ul style="list-style-type: none">● Define motion● Identify objects in motion and rest● Describe different types of motion with examples from daily life● Define uniform and non-uniform motion with examples from daily life● Define concept of speed● Calculate average speed of objects based on Data provided● Define weight● Relate weight of an object with its mass <ul style="list-style-type: none">● Define Energy● Express energy in proper units● Discuss about different forms of energy● Describe conversion of energy from one form to another in different situations● State law of conservation of energy with examples <ul style="list-style-type: none">● Explain the phenomenon of reflection● Define the terms- plane, normal to the plane, point of incidence and angle of reflection● State law of reflection● Describe reflection of light from a plane mirror● Use law of reflection to show formation
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		<p>of image by a plane mirror</p> <ul style="list-style-type: none"> ● Describe the characteristics of image formed by a plane mirror ● State the value of speed of light ● State primary colours ● Describe formation of secondary colours by addition of primary colours ● Explain the observed colour of an object based on reflection and absorption of light of different colours from the object
<p>CHEMISTRY</p>	<p>Chapter 1: Matter and its composition</p> <p>Chapter 2: Physical and chemical changes</p> <p>Chapter 3: Elements compounds and mixtures</p>	<ul style="list-style-type: none"> ● Describe matter ● Discuss the constituents (atoms/molecules) of matter ● Explain the forces which keep atoms/molecule in matter together ● Differentiate between physical and chemical changes ● Perform activities related to physical and chemical changes ● Classify changes such as respiration, preparation of solution of sugar, burning of paper, ripening of fruits, spoiling of food materials as physical and chemical changes ● Discuss that in a chemical change, a new substance with different properties is formed. ● Identify elements and compounds on the basis of their properties and the type of atoms present in them. ● Differentiate between mixtures and

	Chapter 3: Classification of Animals	<ul style="list-style-type: none">• Understand need and advantages of classification• List characteristics of each kingdom with suitable examples• Classify vertebrates into five classes• Give examples and write the characteristics of five classes of vertebrates
HISTORY	Unit 1: Rise and Spread of Christianity & Islam Unit 2: The Delhi Sultanate	<ul style="list-style-type: none">• Using timeline in History• Compare & Contrast• Understand the context in which Christianity & Islam began• Analyse the teachings of Christianity & Islam• Analyse the spread of Christianity & Islam• Analyse the causes & consequences of Turkish invasions• Understand the establishment of the Delhi Sultanate• Analyse the lives of people during the reign of Delhi Sultanate• Critically evaluate the rule of various rulers at this time

<p>CIVICS</p>	<p>Unit 1: Our constitution</p>	<ul style="list-style-type: none"> ● Analyse the purpose and relevance of having a constitution ● Appreciate the contribution of the Constituent Assembly ● Understand the Preamble and its key components ● Evaluate the significance of Socialism, Democracy, Secularism ● Evaluate equality vs. equity ● Create a constitution for the school
<p>GEOGRAPHY</p>	<p>Unit 1: Representation of Geographical Features</p> <p>Unit 2: Atmosphere</p> <p>Unit 3: Weather and Climate</p>	<ul style="list-style-type: none"> ● Use of colour on topographic sheet ● Use of scales, conventional signs and symbols ● Composition and structure of atmosphere ● Elements of weather :Temperature, atmospheric pressure etc. ● Weather instruments like thermometer, rain gauge etc.
<p>ICT</p>	<p>Chapter 1:Working with HTML</p> <p>Chapter 3:Introduction to Number system</p>	<ul style="list-style-type: none"> ● Features of HTML ● HTML elements and attributes ● Basic HTML tags ● Structure of an HTML document ● Creating and saving an HTML document ● Viewing an HTML document in a web browser ● Software and its types ● introduction to number system, ● conversion of decimal to binary ● binary to decimal number system

GUJARATI	Chapter-2 (poem) Thandi Chapter-1 shu khasho? Chapter 3-khara dariyama mari hodi patr lekhan Chapter-4 patrango	Listening and Speaking Skill <ul style="list-style-type: none">● Attempt to express ideas precisely using a growing vocabulary● Listen and respond appropriately to others' views and opinions● Listen and remember a sequence of instructions● Practice to improve performance when reading aloud● Listen to any audio or any general information, understand it and give logical answers Grammar <ul style="list-style-type: none">● Differentiate between swaras and vyanjans● Establish the uses of punctuation marks (Question Mark,● Know basic grammar related to synonyms, antonyms, and rhyming words● Identify nouns, pronouns, verbs (kriya shabd), singular plural (vachan) and gender and use them● Know about one word for a group of words (anek shabd maate ek shabd)● Give answers to any unseen comprehension (prose or poetry)● Give grammatically correct answers Reading <ul style="list-style-type: none">● Read a range of short stories and books● Read and follow instructions to carry out an activity● Practice reading and reciting poems● Read aloud with expression to engage the listener● Identify the difference between 'shuddha' and 'ashuddha' words while
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		<p>reading</p> <ul style="list-style-type: none">• Note how text is organised in stanzas and paragraphs,• Begin to infer meanings beyond the literal (e.g. about motive and characters)• Read aloud with expression to engage the listener• During reading, develop an awareness of their mistakes, understand them and correct them on their own <p>Writing</p> <ul style="list-style-type: none">• Build up writing speed, fluency and legibility• Ensure consistency in the size and proportion of letters and spacing of words• Choose and compare words to strengthen the impact of writing• Write answers to the questions in few sentences with logical connections• During writing, develop an awareness of their mistakes, understand them and correct them on their own
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