

Semester Overview 2020-2021

Class: 8		October 2020 - March 2021
Subject	Name of Units	Skills
ENGLISH	<p>A Shot in the Dark (Prose)</p> <p>The Inchcape Rock (Poem)</p> <p>A Boy's Best Friend(Prose)</p> <p>If (Poem)</p> <p>Dreaming of the Dawn Wall(Prose)</p> <p>Last Lesson of the Afternoon (Poem)</p> <p>Diary of A Nobody (Prose)</p> <p>A Christmas Carol (Novel)</p>	<p>Reading and viewing:</p> <p>Read fluently and demonstrate comprehension and interpretation of a range of grade-appropriate literary texts, featuring some complexity in theme, writing techniques and specialised 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</p> <p>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)</p> <p>Select and use various strategies <i>before reading</i> and viewing to</p>

		<p>develop understanding of text, including setting a purpose, accessing prior knowledge to make and share connections, making predictions, asking questions, previewing texts</p> <p>Select and use various strategies <i>during reading</i> 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</p> <p>Select and use various strategies <i>after reading</i> 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</p> <p>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</p>
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		<p>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</p> <p>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) 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: Write a variety of clear personal, formal, instructional, persuasive, argumentative, imaginative and visual representations that demonstrate connections to</p>
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		<p>experiences, ideas, opinions and visual clues</p> <p>Clearly develop ideas, mood and setting by using effective supporting details, explanations, analysis, insights and sensory details</p> <p>Demonstrate sentence fluency through strong, well-constructed sentences that demonstrate a variety of lengths and patterns, with an increasingly fluid style, rhythm and flow</p> <p>Demonstrate effective word choice through the use of precise nouns, verbs, adjectives and modifiers, purposeful use of figurative and sensory language with increasing sophistication</p> <p>Demonstrate the effective use of tone and voice (first person, second person, omniscient narrator etc.) to suit the purpose and audience</p> <p>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.)</p>
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		<p>voice, organization) editing for conventions (e.g., grammar and usage, capitalization, punctuation, spelling</p> <p>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</p> <p>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</p>
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		<p>context and purpose</p> <p>Grammar and Vocabulary:</p> <p>Identify and explain how syntactic and structural features convey meaning</p> <p>Use tenses (simple, continuous, perfect and perfect continuous) accurately to convey time and sequence of events</p> <p>Use pronouns, referencing and substitution accurately to indicate clear relationships within and between sentence</p> <p>Identify and use a wide range of simple, compound and complex sentences with flexibility and accuracy to suit the purpose and format of the text</p> <p>Explore and use varied sentence structures to convey the same meaning</p> <p>Use punctuation and other structural clues to infer and convey meaning</p> <p>Select and use words (verbs, noun phrases, adjectives and adjective phrases, adverbs, modifiers) to convey precise meaning, nuances, intensity, mood, attitude, register, tone and opinion</p>
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<p>HINDI</p>	<p>Chapter 11: Mera naya bachpan</p> <p>Chapter 13: Anokha badla</p> <p>Chapter 14: Rotiyan</p> <p>Chapter 18: Jayeke ka safar</p> <p>Along with Abyas Pustika and Sparsh Vyakaran</p>	<p>Reading</p> <p>Read fluently and demonstrate comprehension also enjoy the experience of reading challenging literature</p> <p>Read complex texts actively, recognize key passages and comprehend the literal and figurative uses of language</p> <p>Increase understanding and recall of what is read including facts and importance of the main idea</p> <p>Critically analyze and evaluate reading material</p> <p>Perceive themselves as achieving grade level reading skills.</p> <p>Identify main idea in reading</p>

		<p>material</p> <p>Discuss and respond to content of reading Read longer works in variety of style including drama,poetry,essays and short stories</p> <p>Continue to use resources to increase vocabulary and gain deeper understanding by using context clues</p> <p>Summarize stories and discuss author's use of word choice</p> <p>Writing</p> <p>Write short and long answer independently</p> <p>Demonstrate effective word choice through the use of precise nouns, verbs, adjectives and modifiers, purposeful use of figurative and sensory language with increasing sophistication</p> <p>Construct essays (200 words) integrating critical thinking coherently and accurately using vocabulary in all time frames - present,past and future with paragraph length connected discourse</p> <p>Engage in formal writing assignments that require utilization of all stages of the writing process (letter writing)</p> <p>Express themselves effectively in a variety of forms (news, diary, and picture composition)</p> <p>Engage in revision in the following areas:</p>
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		<p>-clear, understandable, and accurate language</p> <p>-incorporation of sentence variety (simple, compound, complex)</p> <p>Choose and use a relevant pre-writing strategy that will help them to prepare for the assignment</p> <p>Evaluate their own writing according to established criteria and rubrics</p> <p>Maintain neatly organized writing portfolios for use in tracking their growth as maturing writers</p> <p>Use correct and effective use of punctuation</p> <p>Listening and speaking</p> <p>Speak and listen to interact with others</p> <p>Listen critically to understand and analyze ideas</p> <p>Demonstrate enhanced vocabulary knowledge and usage</p> <p>Verbally participate in group discussions appropriately and spontaneously. Spontaneously produce a wide variety of grammatically simple and complex sentences</p> <p>Recognize and use words to describe concepts/ideas</p> <p>Use language to communicate physical and emotional feelings, and to demonstrate an understanding of the feelings of others</p> <p>Use visual content like pictures,</p>
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		<p>audio, graphics and music to present their thoughts</p> <p>Grammar</p> <p>Identify and explain how syntactic and structural features convey meaning</p> <p>Use all four forms of 'Ra' (Padon, Ref etc) in words</p> <p>Understand Tatsam and tadbhav</p> <p>Understand the difference between ki and kii</p> <p>Understand sanyukt akshar and Sanyukt vyanjan</p> <p>Identify and use 'Nipaata' (To, bhi, par)</p> <p>Use tenses (past,present and future) accurately to convey time and sequence events</p> <p>Understand different types of sentences (simple, compound and complex)</p> <p>Identify and use noun (vyakti vachak, jati vachak and bhavvachak sangya) with examples and uses) and pronoun (purush vachak, prashan vachak, sambandh vachak, nij vachak and nishay and anishchay vachak with examples and uses) Use direct and indirect speech effectively with appropriate punctuation</p> <p>Identify and use antonyms, synonyms, gender, singular plural and paraphrase effectively</p> <p>Use a wide range of vocabulary, including phrasal verbs and idiomatic expressions</p>
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	<p>Compound Interest Direct and Inverse variation</p> <p>Time and Work</p> <p>Algebra: Algebraic Expressions Linear Equations in one variable</p>	<p>Examine the logical and visual relationship between a set and its complement using set-builder notation.</p> <p>Recognize that there are several different ways to represent the complement of a set</p> <p>Perform the operations like union and intersection of two sets. Describe their properties</p> <p>Define principal, interest, interest rate and time</p> <p>Describe and apply the formula for finding simple interest and compound interest</p> <p>Describe an alternate procedure for finding simple interest and compound interest</p> <p>Recognize the importance of converting time from months to years before applying the formula for interest</p> <p>Differentiate between simple and compound interest</p> <p>Identify direct and indirect variation in the given situation</p> <p>Explain the concepts of direct and indirect variations using real life examples</p> <p>Apply the rules of direct/indirect variations to solve real world problems</p> <p>Compare the ratio proportion method and unitary method to solve same problem</p>
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	<p>Factorization</p> <p>Mensuration: Volume and Surface Area of Solids</p> <p>Data Handling:</p>	<p>Apply the rules of unitary method to solve real world problems involving: Number of days and work done Perform operations on algebraic expressions Define a linear equation and simple linear equation Describe the rules to solve a simple linear equation Explain the rules of transposition Apply the rules for solving a simple linear equation to solve word problems</p> <p>Define a perfect square trinomial Factorise a perfect square trinomial Describe different factorization strategies to factor a polynomial Apply different factorization strategies to factor polynomials completely</p> <p>State/apply the formulas to calculate volume and surface area of cube, cuboid and cylinder. State the relation between different units of volume Apply the concepts of mensuration to solve real world problems</p> <p>Effectively display the information in graphically in the form of a pie chart</p>
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<p>PHYSICS</p>	<p>Chapter 5: Light Energy</p>	<p>Define refraction Discuss examples of refraction Describe a spherical mirror Describe a concave and a convex mirror Define the terms - principal axis, centre and radius of curvature, focus and focal length for a spherical mirror Describe rules for making ray diagrams for spherical mirror Distinguish between real and virtual images Use a ray diagram to show formation of a real image formed by a spherical mirror Describe the characteristics of a real image formed by a spherical mirror Describe dispersion of white by a prism into constituent colours Display a scientific attitude while making models Show a creative mindset while studying real world optical phenomena Communicate logical reasoning and explanations effectively using scientific terms</p>
	<p>Chapter 6: Heat Transfer</p>	<p>Compare and contrast boiling and evaporation Describe thermal expansion of matter Describe linear, area (superficial) and volume expansion Compare expansivity in solids,</p>

	<p>Chapter 7: Sound</p> <p>Chapter 8: Electricity</p>	<p>liquids and gases Construct models based on scientific process Observe and site multiple physical phenomena from one experiment</p> <p>Relate pitch and frequency Understand pitch and frequency in relation to working of musical instruments Explain monotone Relate loudness and amplitude State the unit of loudness in decibels</p> <p>Describe household consumption of electricity Identify live wire, neutral wire and earth wire in terms of their energy and path they travel Describe safety components (fuses, circuits and breakers) Describe phenomenon of static electricity Explain conservation of charges Describe conduction and working of an electroscope Describe a lightning conductor Identify dangers of electricity Conduct scientific experiments keeping in mind all the parameters Study the impact of energy consumption and draw conclusions from the same and suggest alternate approaches Apply the safety precautions while dealing with electrical appliances</p>
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CHEMISTRY	Chapter 5: Language of chemistry	<p>Recall the symbols of different elements</p> <p>Derive the formulae of compounds based on valencies of elements and radicals</p> <p>Write chemical equations of a reaction</p> <p>Balance chemical equations by applying the law of conservation of mass</p>
	Chapter 6: Chemical reactions	<p>Describe different types of chemical reactions with examples</p> <p>Identify the type of chemical reaction</p> <p>Identify different oxides as acidic, basic, amphoteric and neutral</p> <p>Explain the effect of heat on oxides of some metals</p>
	Chapter 7: Water	<p>Describe that water dissolves many substances</p> <p>Identify a solution, suspension and colloids</p> <p>State difference between saturated, unsaturated and supersaturated solutions</p> <p>Describe water of crystallization</p> <p>Write equations of metals with cold water and steam</p> <p>Describe hard water and soft water</p> <p>Discuss the different methods of softening of water</p>
	Chapter 8: Carbon and its compounds	<p>Explain the term allotropy and describe different allotropes of</p>

History	Unit 3: Establishment and Rise of the East India Company Unit 4: The Great Uprising of 1857	<p>Analyse the causes responsible for the decline of the Mughal Empire Understand the purpose of East India Company</p> <p>Understand the importance of battles of Plassey and Buxar in the rise of the East India Company Analyse the gradual change in the nature of the East India Company and its rise in India</p> <p>Analyze the causes for the great uprising</p> <p>Evaluate naming of this event: Sepoy rebellion vs. the first war of independence</p> <p>Examine the consequences of the great uprising of 1857</p>
Civics	Unit 1: Organs of the Indian government Unit 2: United Nations	<p>Analyse the roles of each organ Understand the composition, qualification and appointment of the members of the Legislative, Executive and Judiciary</p> <p>Analyse the relevance and purpose of the UN</p> <p>Understand the functions of General Assembly, Security Council, International Court of Justice</p> <p>Understand the functions of UN</p>

		bodies, such as UNESCO, UNICEF, WHO
Geography	<p>Unit 6: Asia -The largest continent</p> <p>Unit 7: India Geographical features</p>	<p>Identify the location and extent of Asia on globe and world map</p> <p>Locate the physical features and describe them - Eg- mountains, plateaus, deserts, rivers, plains, lakes</p> <p>Describe the impact of latitudinal extent and distinct relief features of climate of Asia</p> <p>Analyse the interrelationship between climate and vegetation found in the different regions of Asia</p> <p>Interpret location and extent of India with reference to other countries of Asia</p> <p>Locate important mountains, plateaus, deserts, islands rivers on the map of India</p> <p>Compare the relief, climate and vegetation of India with other parts of Asia</p> <p>Discuss the importance of monsoon and its impact on the social and cultural unity of India</p>

<p>Gujarati</p>	<p>Chapter-15 Subhashito</p> <p>Chapter-10 Bhool ni saja</p> <p>Chapter - Charanoma Letter Writing Story Writing Gender Vachan Kriya shabda Essay, Adjectives</p>	<p>Listening and Speaking Skill Adapt the pace and volume of speaking when performing or reading aloud Evaluate what is heard and give reasons for agreement or disagreement Adapt the pace and volume of speaking when performing or reading aloud Understand the gist or the significant points of an account Speak on any topic confidently</p> <p>Grammar Establish the use of punctuation marks (question mark, full stop, comma, exclamation) Establish the use of tenses Understand one word for a group of words, rhyming words, gender related words, singular plural (vachan), adjective Understand the meaning of synonym, antonym, and their use in language Identify a noun, pronoun, verb (kriya shabd) and adjective through reading comprehension Establish the use of punctuation marks (question mark, full stop, comma, exclamation) Write a simple article</p> <p>Reading Pronounce all the words correctly and clearly while reading and be able to understand their mistakes</p>
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		<p>and try to correct them on their own</p> <p>Read articles, stories, dramas, jokes and poems with expression and correct articulation and enunciation</p> <p>Read new and old story books and learn from them</p> <p>Writing</p> <p>Write short and long answers on their own (2-4 sentences)</p> <p>Write a letter (formal and informal)</p> <p>Write small essays (100-150 words) and poems on their own</p> <p>Write a character sketch (atleast 10 sentences)</p> <p>Engage in creative activities such as story writing, article writing and jokes writing</p> <p>Write simple reports and picture compositions using descriptive words and phrases</p> <p>Write their views and experiences in their own words using correct language</p>
<p>ICT</p>	<p>Chapter 6: Introduction to visual basic</p> <p>Chapter 1: Operating system</p> <p>Chapter 4:App development</p>	<p>Literals, datatypes, keywords, literals, operators</p> <p>Decision making statements (if-else and if-else-if)</p> <p>Definition and function of operating system, Types of operating system, CUI and GUI</p> <p>Features and uses of application, Types of application software,</p>

