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|  | **September/October** | **November/December** | **January/February** | **March** /**April** | **May/June** |
| **BIG IDEA:** | Canada’s **growth and identity** has been shaped by economic opportunity. | Living things have **systems** to keep them healthy and safe. | Relations between cultures can result in **conflict or cooperation**.  Matter **interacts** with the world around it. | The use of natural resources have intended and unintended **consequences**. | **Relationships** exist among communities.  Energy can be **transformed**. |
| **Community Connections/Field Trips** | Fort Langley  Squamish Train Museum |  | Vancouver Museum | ODS | Science of Fun - Playland |
| **Celebration of Learning** | Curriculum Night | Systems Fair (Classes welcome) | Share student made picture books with another class. Perform class play in front of audience. | Student action projects (students choose a variety of audiences) | Toy car racing (parents welcome) |
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| **Math** | **Growth in Numbers**: addition/subtraction (to 10 000 (4) to 1 000 000 (5), multiplication/division (facts)(4/5) | **Number Systems**: place value (hundredths to 10 000 (4), thousandths to 1 000 000 (5)) | **Financial Interactions:** financial decision making(4), financial plans (5), making change (4), calculation with money, fractions (comparing and ordering(4), finding equivalent fractions (5)), addition & subtraction of decimals (to hundredths (4), to thousandths (5) | **Consequences in Math (outcomes)**: probability & multiplication/division (5)/time(4), | **Pattern Relationships:** patterns, pattern rules, algebraic relationships |
| **Reading** | **Canada’s Growth & Identity:** Genre - Historical fiction reading groups focused on novels around pre-confederation (4) & post confederation (5) focus on reading summaries | **Systems for Enhancing Meaning:** vocabulary development through reading | **Conflict and Interactions in Story:** learn about story elements, historical fiction reading groups focused on novels around Canadian conflicts, | **Consequences and Natural Resources:** non-fiction reading about natural resources, comprehension of non-fiction | **Relationships Between Characters:** fiction reading, comprehension of fiction, poetry |
| **Writing** | **Growth in Writing Skills:** creating and communicating - Journal writing & idea generation | **Systems for Enhancing Meaning:** literary elements & organization & word choice | **Conflict and Interactions in Story writing:** learn about the elements of story and practice writing stories with conflict | **Consequences of Poor Punctuation:** written conventions | **Relationships Between Sentences:** sentence fluency and using linking/transition words |
| **Speaking/Listening** | **Growth in Speaking Skills:** Introduce aspects of speaking and listening skills & set personal goals | **Systems for Engaging an Audience:** public speaking | **Conflict and Cooperation in Story:** students to practice and perform a play centred around a conflict or cooperation in Canada’s past. | **Consequences of Poor Listening:** listening skills | **Rhythm Relationships:** Speaking skills using rhythm in poetry |
| **Core French** | **Growth in French:** goal setting, dispositions needed to be successful in french  **French Identity:** french culture (locations) | **Linguist Systems:** alphabet, phonetics, | **Conflict and Cooperation in Language:** expressing basic wants and needs in french | **Consequences of Poor Listening:** asking for clarification | **Relationships Between People:** Cultural celebrations & festivals |
| **Science** | None | **Sensory (4) and Human Body (5) Systems**: Communicating ideas about - sensory systems (4): humans, plants, other. Human body (5): digestive, musculo-skeletal, circulatory | **Matter Interactions:** phases of matter and the effects of temperature on mater, (4), solutions and solubility (5) | None | **Transforming Energy** - forms of energy, conserving energy (4), simple machines, force effects, machines, power (5) |
| **Social Studies** | **Canada’s Growth & Identity:** changing nature of migration/immigration in post confederation Canada(4/5), Fur trade & pre-confederation Canada (4), | None | **Conflict and Cooperation in Canada’s past:** early contact and trade (4), past discriminatory practices and policies (5) | **Consequences and Natural Resources:** natural resources(4), resources and economic development (5), inquiry process skills (4/5) | **Relationships:** between people and the land - physiographic feature (4), between people - levels of government, representation (5) |
| **Fine Arts** | **Canada’s Growth & Identity:** regional and national works of art | **Art Systems:** Elements and principles of design | **Cooperation:** Mètis weaving techniques | **Consequences of Self-Reflection in art:** explore and create using material and processes | **Relationships Between Elements and Meaning:** symbolism and metaphor/reasoning and reflecting |
| **Physical & Health Ed.** | **Growth in Physical Health:** monitoring physical exertion, types of different physical activities, health components of fitness (5) | **Healthy Body Systems:** physical health, social health, mental health | **Cooperation & Conflict:** social health - | **Consequences of Poor Physical health:** healthy eating, illness prevention, substance abuse prevention | **Relationships and Mental Health:** body image, social media |
| **Career Ed.** | **Personal Growth:** Goal-setting, changes during puberty, | **Problem Solving & Safety Systems:** decision making, | **Cooperation and Interaction:** Leadership skills | **Consequences:** digital identities | **Relationships:** generational roles |
| **Applied Design Skills & Tech.** | **Design Growth:** introduction to the design cycle | **Systems for Understanding a Context:** gathering information -survey, questionnaire, … | **Ideas from Conflict & Cooperation:** defining ideas generated from conflicts, constraints, ideating & building on the ideas of others | **Consequences of Change:** Prototyping, testing, | **Relationships and transformation in Design:** Making and sharing designs |