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| Domain | Kindergarten/ Maternelle | 1 | 2 | 3 |
| Life | * **basic needs** of plants and animals * Features of local **plants** and **animals** that help them meet their basic needs * **First Peoples' uses** of plants and animals | * The classification of living or non-living things * structural features of living things in the local environment * behavioural adaptations of animals in the local environment | * metamorphic and non-metamorphic life cycles of different organisms * similarities and differences between offspring and parent * Aboriginal knowledge of life cycles | * biodiversity in the local environment * Aboriginal knowledge of ecosystems * energy - needed for life |
| Chemistry &  Matter | * properties of familiar materials | * specific properties of materials connected to the function of the materials | * physical ways of changing materials * chemical ways of changing materials | * atoms or molecules as particles of matter * properties of materials - related to the particles they consist of |
| Physics & Energy | * effects of pushes/pulls on movement * effects of size, shape, and materials on movement | * natural and artificial sources of light and sound (natural and artificial) * properties of light and sound (properties) that depend on their source and the objects they interact with | * types of forces | * sources of thermal energy * transfer of thermal energy |
| Weather & Geology | * **weather** changes * **seasonal changes** * changes that living things make to accommodate daily and seasonal cycles | * common objects in the sky * Aboriginal knowledge of the sky and landscape * local patterns in events that occur on Earth and in the sky | * water sources, including local watersheds * water - a limited resource * the water cycle | * major local landforms * observable changes in the local environment caused by erosion and deposition by wind, water, and ice |

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| Domain | 4 | 5 | 6 | 7 |
| Life | * the ways organisms in ecosystems sense and respond to their environment | * basic structures and functions of body systems:   + digestive   + excretory   + respiratory   + circulatory | * the basic structures and functions of body systems:   + musculoskeletal   + reproductive   + hormonal   + nervous | * natural selection through adaptive radiation - a proposed mechanism of the theory of evolution * survival needs and interactions between organisms and the environment |
| Chemistry & Matter | * solids, liquids, and gases as matter | * solutions and solubility | * heterogeneous mixtures * mixtures - separated using a difference in component properties | * elements and compounds are substances * chemical changes * crystalline structure of solids |
| Physics & Energy | * the effect of temperature on pressure in a gas * energy:   + has various forms   + is conserved * devices that transform energy | * properties of simple machines and their force effects * machines:   + constructed   + found in nature * power - the rate at which energy is transformed | * Newton's three laws of motion * effects of balanced and unbalanced forces in daily physical activities * force of gravity * the overall scale, structure, and age of the universe * the position, motion, and components of our solar system in our galaxy | * electricity - generated in different ways with different environmental impacts * electricity - used to generate magnetism |
| Weather & Geology | * local changes caused by Earth's axis, rotation, and orbit * features of biomes * the relationship between the sun and the moon | * local types of earth materials * the rock cycle * Aboriginal concept of interconnectedness in the environment * the nature of sustainable practices around BC's living and non-living resources | * extreme environments exist on Earth and in the solar system | * fossil records and geological dating * evidence of climate change over geological time and the recent impacts of humans |