Yellow text indicates where there should be a pre-existing resource in the school.

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| Grade | Old Content Topics  |  New Content Topics | Resources |
| Kindergarten | Compare Local Plants and Animals – colour, shape, size. | Plants and Animals – Habitat, Adaptations | Wild BC <https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>Nature Walk Lessonshttps://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf |
|  | Properties of Matter – colour, shape, texture, size | Matter – familiar materials, properties  | Conn. St. Dept. of Ed.<http://www.sde.ct.gov/sde/lib/sde/pdf/curriculum/gifted_and_talented/theworldofmatter.pdf> |
|  | Observe and describe their immediate environment | Daily and Seasonal Changes | Grade One Unit on Daily and Seasonal ChangesWild BC<https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>Daily Calendar |
|  |  | Motion of Objects – Push Pull, Effects of size, shape. | Wash. St. Univ. Grade One Unit on Force and Motion<https://eucaps.wsu.edu/wp-content/uploads/sites/731/2015/04/Kindergarten-Force-Motion-Lessons.pdf> |

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| Grade One | Classify Living and Non Living Things – Describe basic needs of plants and animals | Living Things – Adaptations to meet their needs | Wild BC<https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>Nature Walk Lessons<https://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf> |
|  | Force and Motion – Friction, Magnets | Light and Sound | Grade 4 Unit on Light and SoundSD38<http://blogs.sd38.bc.ca/sd38mathandscience/wp-content/uploads/sites/14/2015/12/Grade-1-Light-and-Sound-Resources.pdf> |
|  | Daily and Seasonal Changes – Aboriginal seasonal cycle | Observable patterns in the local sky and landscape. | Grade 3 Unit on Solar System and Constellations.<http://www.racerocks.com/racerock/firstnations/13moons/13moons.htm>SD71<https://portal.sd71.bc.ca/group/wyhzgr4/earthspace/Grade1/Pages/default.aspx> |
|  |  | Matter – properties, usefulness, solids, liquids, gases | Grade 2 Unit on MatterConn. St. Dept. of Ed.<http://www.sde.ct.gov/sde/lib/sde/pdf/curriculum/gifted_and_talented/theworldofmatter.pdf> |

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| Grade Two | Animal Growth – Life cycles, hibernation, migration, - Aboriginal relationships to animals – Animal interdependence in the environment | Features of Living Things That Help them Survive. – Life cycles, metamorphic and non metamorphic | Grade 3 Unit on Life Cycles. Salmon in the Classroom by DFO<http://www.pac.dfo-mpo.gc.ca/education/documents/sicprimary-secprimaire/english/sic_primary_all.pdf>Project Wild <https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>Nature Walk Lessons<https://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf> |
|  | Matter – properties of matter when heated or cooled, liquid or solid. | Materials Can Be Changed through warming and cooling. | Grade 2 Unit on MatterConnecticut State Dept of Ed Grade One – The World of Matter <http://www.sde.ct.gov/sde/lib/sde/pdf/curriculum/gifted_and_talented/theworldofmatter.pdf> |
|  | Air, Water, and Soil interactions and importance  | Water is essential to all living things. | Grade 2 Unit on Water.CRD Water ED <https://www.crd.bc.ca/education/school-programs/for-k12-teachers/educator-guides-resources/drinking-water/every-drop-counts> |
|  |  | Forces Influence the Motion of an Object – Friction, Tension, Gravity, Magnetism | Grade 1 Unit on Force and Magnets. |

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| Grade Three | Compare familiar plants appearance and life cycle and importance | Living things can be grouped and are interdependent. – food chains and ecosystems | Grade 4 unit on HabitatsGrade One unit on Classifying.Wild BC <https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>Nature Walk Lessons<https://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf> |
|  | Structures – domes, arches, pyramids | Thermal energy sources and transfer.Convection, conduction, radiation.Weather is a product of thermal energy transfer | Grade 4 unit on weather.SD 71 <https://portal.sd71.bc.ca/group/wyhzgr4/earthspace/grade3/Pages/gr3earthstudent.aspx> |
|  | Solar System – constellations – significance for Aboriginal peoples | Wind, water, and ice change the land. | Grade 4 weather unit.SD 71 <https://portal.sd71.bc.ca/group/wyhzgr4/earthspace/grade3/Pages/gr3earthstudent.aspx> |
|  |  | All matter is made of particles. - Atoms | SD71 <https://portal.sd71.bc.ca/group/wyhzgr4/chemistry/grade3/Pages/default.aspx> |

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| Grade Four | Habitats and Communities – Food Chains – Environmental consequences | All Living things sense and respond to the environment. Adaptations, Biomes | Wild BC <https://hctfeducation.ca/lessons/teacher-tips-and-tricks/>CRD Biomes <https://www.crd.bc.ca/education/our-environment/ecosystems/coastal-marine>Nature Walk Lessons<https://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf> |
|  | Sound and Light – Sources / properties | Energy can be transformed. Food chains, wind power, hydro power. | Batteries and Bulbs unit. SD71 <https://portal.sd71.bc.ca/group/wyhzgr4/physics/grade4/Pages/default.aspx> |
|  | Weather – Measure and Impacts | Motions of the Earth and Moon | Grade 3 Solar Systems Unit Marine Biome Study13 Moons of Wsanec <http://www.racerocks.com/racerock/firstnations/13moons/13moons.htm> |
|  |  | Matter has mass. Phases of matter. Boiling point, melting point, freezing point. | SD 71 <https://portal.sd71.bc.ca/group/wyhzgr4/chemistry/grade4/Pages/default.aspx> |

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| Grade Five | Human Body – Systems Respiratory, Digestive, Circulatory, Skeletal, Muscular, Nervous systems | Multi Cellular Organism Systems –Human/Animal Body - Digestive, Musculo-skeletal, Respiratory, Circulatory body systems. Plant Systems – Respiratory, Circulatory, Support systems | Grade 5 Unit on Human Body.SD71 <https://portal.sd71.bc.ca/group/wyhzgr4/biology/grade5/Pages/gr5biostudent.aspx> |
|  | Simple Machines – Compound Machines | Machines transfer force and energy | Grade 5 unit on Simple MachinesSD71 <https://portal.sd71.bc.ca/group/wyhzgr4/physics/grade5/Documents/sd71_web_Physics_g5.pdf> |
|  | Renewable and Non-Renewable – Living and Non-living Resources. | Earth materials change and can be used as natural resources. | Grade 5 unit on natural resources.Col. Dept. ED . <https://www.cde.state.co.us/standardsandinstruction/sc3-earthmaterialsrockcycles-pdf>Nature Walk Lessons<https://hctfeducation.ca/wp-content/uploads/2016/09/Kindergarten-Nature-Walks.pdf> |
|  |  | Solutions are homogenous. – Properties, distillation, crystallization. | SD71 <https://portal.sd71.bc.ca/group/wyhzgr4/chemistry/grade5/Pages/default.aspx> |