

BC CURRICULUM - AB SCIENCE

| YEAR A | | YEAR B | |
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| Grade | CURRICULAR TOPICS | Grade | CURRICULAR TOPICS |
| 7 | (7) Fossil Records, (7) Geological Dating, (7) Climate Change (6) Mixtures, (7) Elements, (7) Compounds and (7) Chemical Reactions (6) The Earth and The Solar System (Emphasis on Solar System) | 7 | (7) Survival Needs, (7) Interactions between organisms (7) Electromagnetism, (7) Generating Electricity (7) Natural Selection, (7) Evolution |
| 6 (6/7) | (7) Fossil Records, (7) Geological Dating, (7) Climate Change (6) Mixtures, (7) Elements, (7) Compounds and (7) Chemical Reactions (6) The Earth and The Solar System (Emphasis on Solar System) | 6 (6/7) | (6) The Human Body (Musculoskeletal, Reproduction, Hormonal, Nervous) (6) Force Effects, (6) Newtons 3 Laws, (6) Gravity (7) Natural Selection, (7) Evolution |
| 5 (5/6) | (5) Solutions and Solubility (5) Simple Machines (6) The Earth and The Solar System (Emphasis on Earth) | 5 (5/6) | (6) The Human Body (Digestion/Excretion, Repiration, Circulation) (6) Force Effects, (6) Newtons 3 Laws, (6) Gravity (5) Rock Cycle, (5) Earth's Materials |
| 4 (4/5) | (4) Organisms and Ecosystems, (4) How they respond to their environment (5) Simple Machines, (6) Force Effects, (6) Newtons 3 Laws, (6) Gravity (4) Features of Biomes, (4) Earth's Axis, (4) Rotation, and Orbit (4) Relationship Between Sun and Moon | 4 (4/5) | (6) The Human Body (Digestion/Excretion, Repiration, Circulation) (4) 10 Forms of Energy, (4) Devices that Transform Energy, (4) Conversation of Energy (5) Rock Cycle, (5) Earth's Materials |
| 3 (3/4) | (4) Organisms and Ecosystems, (4) How they respond to their environment (3) Atoms and Molecules as Matter, (3) Properties of Materials, (3) Temperature and Gases (3) 3 States of Matter, (3) Sources and Transfer of Thermal Energy (4) Features of Biomes, (4) Earth's Axis, (4) Rotation, and Orbit (4) Relationship Between Sun and Moon | 3 (3/4) | (3) Biodiversity in the local environment, (3) Indigenous Knowledge of Local environment (4) 10 Forms of Energy, (4) Devices that Transform Energy, (4) Conversation of Energy (3) Local Landforms, (3) Changes caused by erosion |
| 2 (2/3) | (2) Metamorphic and Non-metamorphic life-cycles, (2) similarities of offspring and parent, (2) Indigenous Knowledge relating to life cycles (3) Atoms and Molecules as Matter, (3) Properties of Materials, (3) Temperature and Gases (3) 3 States of Matter, (3) Sources and Transfer of Thermal Energy (2) Water Sources, (2) The Water Cycle | 2 (2/3) | (3) Biodiversity in the local environment, (3) Indigenous Knowledge of Local environment (2) Chemical and physical changes of matter (2) Types of forces (3) Local Landforms, (3) Changes caused by erosion |
| 1 (1/2) | (2) Metamorphic and Non-metamorphic life-cycles, (2) similarities of offspring and parent, (2) Indigenous Knowledge relating to life cycles (1) Properties of materials relating to function, (K) properties of familiar materials (1) Natural and artificial sources of light and sound (2) Water Sources, (2) The Water Cycle | 1 (1/2) | (1) Classification of living and non-living things, (1) structural features of living things, (1) behavioural adaptations (2) Chemical and physical changes of matter (2) Types of forces (1) Properties of light and sound... relating to common ojects in the sky. (1) Indigenous knowledge of the sky and landscape, (1) local patterns that occur on Earth and in the sky |
| K | (K) Basic needs of plants and animals, (K) How they meet basic needs, (K) First Peoples uses of plants and animals (1) Properties of materials relating to function, (K) properties of familiar materials (1) Natural and artificial sources of light and sound (K) Effects of pushes/pull on movement, effects of size, shape and materials on movement | K | (1) Classification of living and non-living things, (1) structural features of living things, (1) behavioural adaptations (K) Weather and seasonal changes, (K) How living things change to accommodate daily and season cycles (1) Properties of light and sound... relating to common ojects in the sky. (1) Indigenous knowledge of the sky and landscape, (1) local patterns that occur on Earth and in the sky |