



Primary (K – 3) – Science

	Big Ideas include:	Curricular Competencies include:	Content includes:
K	<ul style="list-style-type: none"> Plants and animals have observable features. Daily and seasonal changes affect all living things. 	<ul style="list-style-type: none"> Demonstrate curiosity and a sense of wonder about the world Make exploratory observations using their senses Experience and interpret the local environment Express and reflect on personal experiences of place 	<ul style="list-style-type: none"> basic needs / adaptations of plants and animals local First Peoples uses of plants and animals properties of familiar materials weather / seasonal changes living things make changes to accommodate daily and seasonal cycles First Peoples knowledge of seasonal changes
1	<ul style="list-style-type: none"> Living things have features and behaviours that help them survive in their environment. Observable patterns and cycles occur in the local sky and landscape. 	<ul style="list-style-type: none"> Demonstrate curiosity and a sense of wonder about the world Make and record observations, compare observations with predictions through discussion Experience and interpret the local environment Consider some environmental consequences of their actions Express and reflect on personal experiences of place 	<ul style="list-style-type: none"> classification of living and non-living things names of local plants and animals structural features of living things in the local environment behavioural adaptations of animals in the local environment common objects in the sky local patterns that occur on Earth and in the sky local First Peoples knowledge of the local landscape, plants, and animals
2	<ul style="list-style-type: none"> Living things have life cycles adapted to their environment. Water is essential to all living things, and it cycles through the environment. 	<ul style="list-style-type: none"> Express and reflect on personal experiences of place 	<ul style="list-style-type: none"> metamorphic and non-metamorphic life cycles of different organisms similarities and differences between offspring and parent First Peoples use of their knowledge of life cycles water sources including local watersheds water conservation the water cycle local First Peoples' knowledge of water
3	<ul style="list-style-type: none"> Living things are diverse, can be grouped, and interact in their ecosystems. Wind, water, and ice change the shape of the land. 	<ul style="list-style-type: none"> Demonstrate curiosity and a sense of wonder about the world Make observations about living and non-living things in the local environment Collect simple data Experience and interpret the local environment Express and reflect on personal or shared experiences of place 	<ul style="list-style-type: none"> biodiversity in the local environment the knowledge of local First Peoples of ecosystems energy is needed for life matter is anything that has mass and takes up space sources / transfer of thermal energy major local landforms local First Peoples knowledge of local landforms observable changes in the local environment caused by erosion and deposition by wind, water, and ice