

Grade 1 Science and Technology–Understanding Life Systems: Needs and Characteristics of Living Things Unit Curriculum and Assessment Plan

Creature Features

Unit/Strand: Habitats and Communities		Focus for Learning:
Fundamental Concepts Sustainability and Stewardship	Big Ideas Living things grow, take in food to create energy, make waste, and reproduce (2 & 3) Plants and animals, including people, are living things (2 & 3) Living things have basic needs (air, water, food & shelter) that are met from the environment (1, 2, & 3) Different kinds of living things behave in different ways (2 & 3) All living things are important and should be treated with care and respect (1, 2 & 3)	Title/Description of Culminating Activity: The focus of the grade one Science and Technology curriculum is the needs and characteristics of living things-including plants, animals and humans as animals. We demonstrate this through drawing on prior knowledge through initial think, pair, share opportunities, observations in natural settings, role playing activities and inquiry based questions and discussion, hands on investigation in a woodlot, concluding with non-fiction writing opportunities to solidify learning experiences. Essential Skills: <ul style="list-style-type: none"> • Non fiction writing • Identification skills/Classification skills • Physical Participation • Group Work
Enabling and/or Assessment Tasks		
Learning Habits: Group Work Problem Solving Cooperation	Title: Sorting Living & Non Living Diagnostic/Formative: D/F Write/Say/Do: D	Curriculum Outcomes/Standards: DEMONSTRATING <ul style="list-style-type: none"> • 2.3 investigate and compare the physical characteristics of a variety of plants and animals, including humans
Learning Habits: Independent Work Problem Solving Cooperation	Title: Active Investigation Diagnostic/Formative: F Write/Say/Do: S/D	Curriculum Outcomes/Standards: DEMONSTRATING <ul style="list-style-type: none"> • 3.2 identify the physical characteristics (e.g., size, shape, colour, common parts) of a variety of plants and animals • 2.4 investigate the physical characteristics of plants and explain how they help the plant meet its basic needs
Learning Habits: Group Work Problem Solving Cooperation	Title: Continuing Investigations Diagnostic/Formative: D Write/Say/Do: S/D	Curriculum Outcomes/Standards: DEMONSTRATING <ul style="list-style-type: none"> • identify what living things provide for other living things
Learning Habits: Group Work Problem Solving Cooperation	Title: Making Connections Diagnostic/Formative: D Write/Say/Do: S/D	Curriculum Outcomes/Standards: COMMUNICATING/CONNECTING <ul style="list-style-type: none"> • 3.7 describe how the things plants and animals use to meet thier needs are changed by their use and are returned to the environment in different forms
Learning Habits: Initiative Cooperation	Title: Choice Board Diagnostic/Formative: Write/Say/Do: W/S/D	Curriculum Outcomes/Standards: COMPARING/CONNECTING <ul style="list-style-type: none"> • See above Curriculum Standards

