

## **Grade 1: The needs and characteristics of Living Things - Real and alive**

Students will learn about the basic needs and characteristics of all living things. How living things: sustain themselves, move, consume energy, grow, reproduce, and die. Students will explore these characteristics of life and the differences among them by examining plants and animals. Students will learn the importance of living things in relation to their environment.

### **Individual Expectations:**

Describe the needs and characteristics of all living things; examine the differences and relationships between living and non-living things; explore the differences in the basic needs of various animals including invertebrate and vertebrate groups; and investigate the role of humans in maintaining a healthy environment.

### **Science and Technology Ideas/Vocabulary:**

Energy	Food/water	Reproduction
Growth	Movement	Life Cycle
Air	Space/shelter	

## **Grade 1: Discovering The Needs of Living Things -Survival**

Students will learn about the basic necessities of life: energy, water, air, shelter and space. They will focus on how plants and animals including humans meet the needs of their environment; and how changes to their environment affect their survival.

### **Individual Expectations:**

Describe the needs of all living things including humans; demonstrate how these needs are similar; compare the physical characteristics of plants and animals; show how these characteristics aid them in growth and survival; investigate the five senses of the human body, and show how they help humans navigate and survive the world around them; describe how the care and respect for all living things maintains a healthy environment.

### **Science and Technology Ideas/Vocabulary:**

Air	Food/water	Pollution
Energy	Shelter/space	Survive
Growth	Senses	
Characteristic		