

Grade 2: Animals including humans sharing planet Earth

Students will understand that environments are constantly changing, and that all animals must be able to respond and adapt to various changes in temperature, water and food availability, habitat destruction, and others in order to survive.

Students will understand how different kinds of animals affect humans in both positive and negative ways, and in turn, how human activities affect animals.

Individual Expectations:

Describe the factors that change in an environment; explore the variety of ways humans impact on an animal's environment; identify the impact animals have on human lives; demonstrate an understanding of the importance of animals, specifically insects in our shared planet.

Science and Technology Ideas/Vocabulary:

Invertebrate

Bird

Amphibian

Vertebrate

Mammal

Exoskeleton

Insect

Fish

Temperature

Endangered

Pollution

Pesticide

Water

Shelter/space

Food

Grade 2: Animal Life cycles, adaptation and migration

Students will learn that all animals go through various physical changes from the time they are born to the time they become an adult. At various stages of these changes they develop characteristics that allow them to better adapt to their environment.

Individual Expectations:

Identify and compare the variation in life cycles of different animals, specifically insects; compare the physical and behavioural characteristics of a variety of animals; investigate the ways insects and other animals adapt to changes in their environment.

Science and Technology Ideas/Vocabulary:

Lifecycle

Growth/change

Migration

Pupa

Metamorphosis

Egg

Larva

Adaptation

Chrysalis