

Lesson 1: What Am I?

Living things can be categorized using patterns of similarities and differences.

Students analyze and interpret data about the patterns of similarities and differences among living things to construct an explanation for a card sort.

Lesson 2: Like Parent, Like Offspring

Young and adult plants look very similar but are not exactly the same.

Students carry out an investigation to determine the patterns of similarities and differences between young and adult plants.

Lesson 3: Cubs and Chicks

Young and adult animals look very similar but are not exactly the same.

Students carry out an investigation to determine the patterns of similarities and differences between young and adult animals.

Lesson 4: One of These Things Is Not Like the Other

Individuals within a species have variation but are recognizable as that species.

Students analyze and interpret data and engage in argument from evidence about the patterns of similarities and differences within and among species.

Lesson 5: Staying Alive

Parents and offspring behave in ways that help offspring survive.

Students obtain and communicate information about how patterns of behavior help offspring survive.

Lesson 6: Penguin Protection

Animal behavior has predictable effects.

Students obtain information from a digital simulation about patterns of penguin behavior.

Lesson 7: Use What You've Got

External body parts of plants and animals help them survive.

Students obtain and communicate information about how the structure and function of external parts helps plants and animals survive.

Lesson 8: Mimic and Make

People can design solutions that mimic plants and animals to solve problems.

Students define problems and then design solutions that mimic the structure and function of plants and animals.

Science Challenge

Lesson 9: Survive, Behave, and Save! Part 1

Animal behavior and external body parts help plants and animals survive.

Students engage in argument from evidence and construct an explanation of how patterns of behavior and the structure and function of plants and animals can help living things survive.

Lesson 10: Survive, Behave, and Save! Part 2

Animal behavior and external body parts help plants and animals survive.

Students communicate how patterns of behavior and the structure and function of plants and animals can help living things survive.