

Grade 1

Adopted 2019

From Molecules to Organisms: Structures and Processes

1-LS1-1. Construct an evidence-based argument with the use of a drawing or a model that illustrates how structures of plants or animals help them survive in their habitat. [1-LS1-1](#)

1-LS1-2. Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive. [1-LS1-2](#)

Engineering & Technology

K-2-ET1-1. Ask questions, make observations, and gather information to define a simple problem (a situation people want to change) that can be solved through the development of a new or improved object or tool. [K-2-ET1-1](#)

K-2-ET1-2. Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. [K-2-ET1-2](#)

K-2-ET1-3. Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. [K-2-ET1-3](#)

Waves and Their Applications in Technologies for Information Transfer

1-PS4-1. Plan and conduct investigations to provide evidence that sound can make materials vibrate and that vibrating materials can make sound. [1-PS4-1](#)

1-PS4-2. Construct an evidence-based account, through observation, that objects can be seen only when illuminated. [1-PS4-2](#)

1-PS4-3. Plan and conduct an investigation to determine the effect of placing objects made with different materials in the path of a beam of light. [1-PS4-3](#)

1-PS4-4. Design and build a device that uses light or sound to solve the problem of communicating over a distance. [1-PS4-4](#)

Heredity: Inheritance and Variation of Traits

1-LS3-1. Construct an evidence-based account, through observation, that young plants and animals are alike, but not exactly like, their parents. [1-LS3-1](#)

Earth's Place in the Universe

1-ESS1-1. Describe patterns that can be predicted through observations of the sun, moon, and stars. [1-ESS1-1](#)

1-ESS1-2. Make observations at different times of the year to relate the amount of daylight to the time of year. 1-ESS1-2