

MAINE SCIENCE AND ENGINEERING STANDARDS

4-LS1 From Molecules to Organisms: Structures and Processes

4-LS1-1 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

Further Explanation: Examples of structures could include thorns, stems, roots, colored petals, heart, stomach, lung, brain, and skin found in Maine plants and animals.

Engaging in Argument from Evidence, Structure and Function, Systems and System Models

4-LS1-2 Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

Further Explanation: Emphasis is on systems of information transfer.

Engaging in Argument from Evidence, Information Processing, Systems and System Models