



Unit 3 Structure and Processes of Organisms

Grade 4 Science

Unit Description:

Students will examine how light reflects from objects and entering the eye allows objects to be seen. An argument will be constructed to explain how plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. Students will provide explanations to describe how animals receive different types of information through their senses, process the information in their brains, and respond to the information in different ways.

Science Standards:

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| 4-PS4-2 | Develop a model to describe how light reflecting from objects and entering the eye allows objects to be seen. |
| 4-LS1-1 | Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. |
| 4-LS1-2 | Construct an explanation to describe how animals receive different types of information through their senses, process the information in their brains, and respond to the information in different ways. |

Enduring Understandings- Unit Anchor Phenomenon:

Bald eagles can see fish in the water from several hundred feet above, while soaring and circling in the air. However, fishermen have a difficult time seeing fish beneath the surface of the water.

Essential Questions- Reflective Summaries:

- Develop a model depicting how an eagle sees.
- Construct an argument that bald eagles have internal and external structures that function to support survival, growth, behavior, and reproduction.
- Explain how bald eagles process and respond to information.