



Unit 1 Animals and Energy

Grade K Science

Unit Description:

Students will make observations to determine the effect of sunlight on Earth's surface. They will use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area. Students will link this learning to construct arguments supported by evidence of how plants and animals (including humans) can change the environment to meet their needs.

Science Standards:

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| K-PS3-1 | Make observations to determine the effect of sunlight on Earth's surface. |
| K-PS3-2 | Use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area |
| K-ESS2-2 | Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs. |

Enduring Understandings- Unit Anchor Phenomenon:

Fennec foxes stay underground during the day.

Essential Questions- Reflective Summaries:

- Describe the effect of sunlight on different parts of Earth's surface.
- Design and build a structure that will reduce the warming effect of sunlight on an area.
- Construct an opinion supported by evidence for how Fennec foxes change the environment to meet their needs.