

New York State Science Learning Standards One World One Sky: Big Bird's Adventure

Pre-Kindergarten

- **P-ESS1-1.** Observe and describe the apparent motions of the Sun, moon, and stars to recognize predictable patterns.
- **P-PS3-1.** Plan and conduct an investigation to determine the effect of sunlight on Earth's surface.

Disciplinary Core Ideas:

- ESS1-A: The Universe and its stars

Crosscutting Concepts:

- Patterns in the natural world can be observed, used to describe phenomena, and used as evidence. (P-PS1-1, P-PS4-1, P-LS1-1, P-LS3-1, P-ESS1-1, P-ESS2-1)
- Many events are repeated. (P-ESS1-1)

Kindergarten

- **K-PS3-1.** Make observations to determine the effect of sunlight on the Earth's surface.

Crosscutting Concepts:

- Patterns: Patterns in the natural and human-designed world can be observed and used as evidence. (K-LS1-1, K-ESS2-1)

First Grade

- **1-ESS1-1.** Use observations of the Sun, moon, and stars to describe patterns that can be predicted.

Disciplinary Core Ideas:

- PS4.B: Objects can be seen if light is available to illuminate them or if they give off their own light. (1-PS4-2).
- ESS1.A: Patterns of the motion of the Sun, moon, and stars in the sky can be observed, described, and predicted. (1-ESS1-1)

Crosscutting Concepts:

- Patterns in the natural world can be observed, used to describe phenomena, and used as evidence. (1-LS1-2, 1-LS3-1, 1-ESS1-1, 1-ESS1-2)
- Many events are repeated. (1-ESS1-1)