

Grade 1 Segments Snapshot

The Grade 1 Science Storyline is organized into four segments:

- Plant Shapes
- Animal Sounds
- Shadows and Light
- Patterns of Motion of Objects in the Sky

Segment	Summary	PEs	Scopes
1	<p>Segment Plant Shapes</p> <p>Anchoring Phenomena How do the shapes of plant parts help it survive in its environment?</p> <p>Unit Mission Goal Students create a cartoon plant family. All characters are made out of uncommon shapes.</p> <p>Suggested Pacing 14 Weeks</p>	<p>1-LS1-1, 1-LS3-1</p>	<p>Parts of Plants</p> <p>Parts of Animals</p> <p>Plant Survival</p> <p>Animal Survival</p> <p>Plant Trait Inheritance and Variation</p>
2	<p>Segment Animal Sounds</p> <p>Anchoring Phenomena How can animals use sound to communicate?</p> <p>Unit Mission Goal Students design an artificial rattle for an injured rattlesnake.</p> <p>Suggested Pacing 11 weeks</p>	<p>1-PS4-1, 1-PS4-4, 1-LS1-2, 1-LS3-1</p>	<p>Sound</p> <p>Communication</p> <p>Protecting the Young</p> <p>Animal Trait Inheritance and Variation</p>
3	<p>Segment Shadows and Light</p> <p>Anchoring Phenomena What causes shadows?</p> <p>Unit Mission Goal Students will design a night-light that will project colored reflections and a black shadow on the wall.</p> <p>Suggested Pacing 3 weeks</p>	<p>1-PS4-2, 1-PS4-3</p>	<p>Behavior of Light</p>

Segment	Summary	PEs	Scopes
<p>4</p>	<p>Segment Patterns of Motion of Objects in the Sky</p> <p>Anchoring Phenomena What patterns do we notice about objects in the sky?</p> <p>Unit Mission Goal Students will draw the objects in the sky they would expect to see during the day and night on their next birthday.</p> <p>Suggested Pacing 5 weeks</p>	<p>1-ESS1-1, 1-ESS1-2</p>	<p>Patterns in Space</p> <p>Seasonal Patterns</p>