

WEEK 5 Lesson 2

Science and Engineering: Plant Defenses
 Children will investigate plant defenses. They will watch a video and complete a sheet in pairs.

S & E Big Ideas	Plants are living organisms that need water, air, nutrients, light, and space to grow. Plants can't move so they have developed natural defenses to protect them from predators.
S & E Guiding Question	How do plants defend themselves? In what ways do plants defend themselves?
Content Objective	I can use text to help me understand new ideas about plant defenses. (1-LS1-2)
Vocabulary	<p>predator: an animals that eats the plant</p> <p>defense: a way for a plant to protect itself</p> <p>herbivores: animals that eat plants</p> <p>thorns/spines: prickly parts of plants</p> <p>pollinator: something that carries pollen from one plant to another</p>
Materials and Preparation	<ul style="list-style-type: none"> ● Plants with Weapons-SciShow Kids video ● The Cactus Plant sheet ● Prickly Plants Epic Book <p>Children will work in partners to complete the sheet. Prepare partnerships if necessary.</p>
Opening 5 minutes	Show the Plants with Weapons video. Invite children to share their reactions.
Investigation and Discussion 20 minutes	Pairs of children complete The Cactus Plant sheet. The children will determine what each part of the cactus does to sustain life in the desert.

	When complete, discuss children’s findings in the whole group.
Closing 5 minutes	As a whole group, read Prickly Plants. In Studios, children will create plant superheroes. Preview this activity by asking children to recall what they have learned and connect the information to their own bodies. <i>What parts of the human body protect people from harm? [skin, hair, etc.]</i>
Standards	1-LS1-2: Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.
Ongoing assessment	What do children understand about how plants grow?

Notes