

Desert Botanical Garden – Sonoran Desert Adventures Guided Field Trips

Adventure Guide- Arizona Plants and People			
Target Grade(s):	3 rd - above	Time:	2 Hours
Theme: People, past and present, use plants to meet their basic needs.			
Desired Outcomes: Students will be able to –		<ol style="list-style-type: none"> 1. Describe how Native cultures use local plants to meet their basic needs. 2. Describe how people today, including Native cultures, use plants to meet their basic needs. 3. Note differences in varying habitats found within the Sonoran Desert, and connect desert plants to their specific habitat. 4. Identify plants and animals that exist in the local environment. 5. Identify the Sonoran Desert as the ecosystem in which they live. 6. Describe the characteristics of a desert environment. 	
Key Vocabulary: natural resources, habitat, adaptation			
Cross Cutting Concepts: Structure and Function, Systems and System Models		Science and Engineering Practices: Asking questions and defining problems, developing and using models, constructing explanations	
Arizona Social Studies Standards:		<p>3.G2.1 – Explain how people modify and adapt to the Arizona environment.</p> <p>3.H1.1 – Utilize a variety of sources to construct a historical narrative, exploring Arizona’s cultures, civilizations and innovations.</p> <p>4.G2.1 – Compare the different ways people or groups of people have impacted, modified or adapted to the environment of the Americas.</p> <p>4.G3.1 – Explain how the location and use of resources affects human settlement and movement.</p>	

Field Trip Activities:

- Saguaro fruit harvest from our model Saguaro’s
- Weaving a basket
- Grinding “mesquite” to make flour
- Creating a paintbrush out of Yucca leaves to paint with
- Twisting Agave fiber to make rope

