



# TOHONO CHUL PARK

Discover its Nature!

## Tohono Chul Park's Outreach Programs and the Arizona Standards

Depending on the grade level of your class, the Park's docent-conducted Outreach programs will cover some or all of the following Arizona Standards (for specifics, please refer to the cover page of the pre-visit materials for the program you are scheduling):

### Arizona Science Standards

#### Standard 1: Science as Inquiry

- 1SC-R2. Ask questions about the natural world
- 1SC-R6. Communicate observations and comparisons through various means
- 1SC-F4. Describe relationships among parts of a familiar system

#### Standard 3: Personal and Social Perspectives in Science and Technology

- 3SC-F3. Describe and explain the interrelationship of populations, resources and environments
- 3SC-P4. Identify and describe the basic processes of the natural ecosystems and how these processes affect, and are affected by, humans
- 3SC-P5. Describe and explain factors that affect population size and growth (e.g., quality of environment)

#### Standard 4: Life Science

- 4SC-R1. Distinguish living from non-living things
- 4SC-R2. Describe the basic needs of living organisms
- 4SC-R3. Recognize and distinguish similarities and differences in diverse species
- 4SC-F1. Describe and explain cause-and-effect relationships in living systems
- 4SC-F2. Trace the life cycles of various organisms
- 4SC-F3. Identify the basic structures and functions of plants and animals
- 4SC-F4. Identify characteristics of plants and animals (including extinct organisms) that allow them to live in specific environments
- 4SC-F7. Explain the interaction of living and non-living components within ecosystems
- 4SC-E1. Construct classification systems based on the structure of organisms
- 4SC-E7. Explain and model the interaction and interdependence of living and non-living components within ecosystems, including the adaptation of plants and animals to their environment
- 4SC-P6. Describe and explain how the environment can affect the number of species and the diversity of species in an environment

## **Arizona Social Studies Standards**

### **Standard 1: History**

- 1SS-F2. Describe everyday life in the past and recognize that some aspects change and others stay the same
- 1SS-F3. Use stories to describe past events, people, and places
- 1SS-E2. Describe the legacy and cultures of prehistoric American Indians in Arizona, including the impact of, and adaptations to geography
- 1SS-E3. Describe Spanish and Mexican colonization and economic, social, and political interactions with the first inhabitants of Arizona

### **Standard 3: Geography**

- 3SS-F2. Identify natural and human characteristics of places and how people interact with and modify their environment
- 3SS-E2. Describe the impact of interactions between people and the natural environment on the development of places and regions in Arizona, including how people have adapted to and modified the environment
- 3SS-E7. Explain the effects of interactions between human and natural systems, including the changes in the meaning, use, and distribution of natural resources, with emphasis on ways that humans depend upon limited resources and adapt to, and affect, the natural environment, changing ideas and disagreements on the best use of natural resources