

## Arizona Plants & People: Relationships Between People and Plants

*2 hours, suggested for grade 4*

Students will discover how native plants are used for food, shelter and tools and how people rely on plants today, just as they have for thousands of years.

### Grade 4 Standards:

#### Arizona State

Social Studies- Strand 1: American History-Concept 2: Early Civilizations

**PO 1.** Describe the legacy and cultures of prehistoric people in the Americas:

a. characteristics of hunter-gatherer societies

b. development of agriculture

**PO 2.** Describe the cultures and contributions of the Mogollon, Ancestral Puebloans (Anasazi), and Hohokam (e.g., location, agriculture, housing, arts, trade networks; adaptation and alteration of the environment).

Social Studies- Strand 1: American History - Concept 3: Exploration and Colonization

**PO 2.** Describe the impact of Spanish colonization on the southwest:

b. lifestyle changes of American Indians

**PO 3.** Describe the location and cultural characteristics of American Indians (e.g., O'odham, Apache, Hopi) during the Spanish period

Social Studies- Strand 4: Geography- Concept 2: Places and Regions

**PO 4.** Compare the landform regions of Arizona according to their physical features, plants, and animals

Social Studies- Strand 4 - Concept 3: Physical Systems (science concepts reinforced through social studies)

Science- Strand 3- Concept 1: Changes in Environments

**PO 4.** Describe how natural events and human activities impact environments

Science- Strand 4- Concept 3: Organisms and Environment

**PO 1.** Describe uses, types, and conservation of natural resources

Social Studies- Strand 4 - Concept 4: Human Systems

**PO 4.** Describe the cultural characteristics (e.g., food, clothing, housing, sports, customs, and beliefs) of Arizona's diverse population

Social Studies- Strand 4- Concept 5: Environment and Society

**PO 1.** Describe human dependence on the physical environment and natural resources to satisfy basic needs

**PO 3.** Describe the impact of human modifications (e.g., dams, mining, air conditioning, irrigation, agricultural) on the physical environment and ecosystems

#### Common Core

ENGLISH LANGUAGE ARTS

4.W.8: Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.

4.SL.1. Engage effectively in a range of collaborative discussions with diverse partners on grade 4 topics and texts, building on other's ideas and expressing their own clearly.

4.SL.1.b: Follow agreed-upon rules for discussions and carry out assigned roles.

4.SL.1.c: Pose and respond to specific questions to clarify or follow-up on information, and make comments that contribute to the discussion and link to the remarks of others.

4.SL.1.d: Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.

4.SL.3: Identify the reasons and evidence a speaker provides to support particular points.