Enduring Understandings

- There is great diversity of life in Arizona.
- Much of the natural and manmade history of Arizona has been captured in the Great Seal of the State of Arizona.
- The native plants and wildlife of Arizona should be respected and conserved.

Core Questions

- What is the significance of each part of the state seal?
- What are the five C’s of the state seal?
- What living symbols represent Arizona, and how might they be incorporated into a new design for a state seal?

Overview

Learn about the Great Seal of the State of Arizona and the significance of its respective parts. Design a new state seal that represents Arizona in the 21st century.

Objectives

1. Identify Arizona’s state wildlife and plant symbols and learn when and how they were selected
2. Identify the five C’s of Arizona
3. Identify the parts of the seal and state the meaning of each
4. Apply knowledge of Arizona to create a state seal that represents Arizona in the 21st century

Resources

- State Symbols PowerPoint
- Arizona Game and Fish Poster: “Arizona’s State Symbols”
- State Symbols Graphic Organizer (1 per student)
- “Seal of Approval” Reading and Worksheet (1 per student)
- “Create-A-State Seal” Worksheet (1 per student or team)
- Colored Pencils
- Rulers
- Colored Markers

Lesson 1: “Arizona’s State Symbols”

Goal: Recognize diversity in Arizona’s wildlife

Objective: Identify Arizona’s state wildlife and plant symbols and learn when and how they were selected.
Activity:
1. Present the media production available via the Arizona Game and Fish Department Web site at azgfd.gov (or CD available free from the Arizona Game and Fish education branch).
2. Students complete the State Symbols Graphic Organizer during and/or following this presentation.
3. Discuss the importance of symbols and the reasons we choose symbols to represent various parts of our society. Ask students to write a journal entry in which they describe some symbols in their own lives and how they are important to them.

Lesson 2: “The Great Seal of the State of Arizona”
Goal: Identify components of the state seal

Objectives:
1. Identify the parts of the seal and state the meaning of each.
2. Identify the five C’s of Arizona

Activity:
1. Begin with a discussion about the meaning of symbol and ask students to identify any other symbols with which they might be familiar – e.g., bald eagle (USA), “swoosh” (Nike brand), red octagonal sign (STOP), etc.
2. Have the students read the article “Seal of Approval” and answer the questions.
3. Focusing on the various parts of the seal and their meanings, review the parts of the seal with the class as well as the five C’s of Arizona (Cotton, Copper, Cattle, Citrus, Climate).

Lesson 3: “That Was Then – This Is Now!”
Goal: Identify various aspects of Arizona today that could be used in a new seal

Objective: Apply knowledge of Arizona to adopt a state seal that represents Arizona in the 21st century

Activity:
1. Begin class by asking students what symbolizes Arizona today. Have the students brainstorm ideas of what represents Arizona. Write down their ideas.
2. Inform students that they will be designing a state seal for present-day Arizona. (This activity can be done small groups of 3-5 students or as individuals.) Students should include at least three state symbols in their seal. Allow students to work on their seals for the rest of the time.

Lesson 4: Independent/Small Group Work
Students will use the allotted time to work on and complete their seals. The seal should include a state motto. Visit the Web site http://cdsjcl.f2g.net/translate.html to use an English to Latin Translator to translate their state motto into Latin.
Lesson 5: Sharing the Designs
Students present their new state seals to the class and explain why they chose the items they selected to represent Arizona. Symbols can be posted throughout the classroom after completion. As an alternative, have your class vote on the best seal to represent your class, and send the winner to the education branch of the Arizona Game and Fish Department. We will post the seals that we receive to our Web site.

Assessments
- Completion of State Symbols Graphic Organizer
- “Seal of Approval” Worksheet
- “Create-A-State Seal” Worksheet

Vocabulary
- Motto: a word or phrase that expresses a guiding principle or thought
- Seal: an image adopted by a corporation or government to represent official and legal actions
- Symbol: an image, figure, or object that represents an idea or quality
Symbols, representing important parts of the state, are used to show people the unique characteristics of Arizona. You have already been introduced to the living symbols of Arizona, but there are many more state symbols. Each of these symbols was passed into law by the state legislature and holds a special importance to the land and the people. Let's take a look at some of the other symbols of the state.

Million of years ago, swamps covered most of Arizona. When trees would die and fall into the swamps, they would become buried under layers of sand and dirt. The trees would be preserved for years because of the lack of air. Over time, the wood in these trees gradually changed into quartz and became a brightly colored replica of the original living plant. Petrified wood, as these are now called, can be found in parts of northern Arizona and is the official state fossil.

For centuries, Native Americans of the Southwest used a blue-green stone found throughout the state to make jewelry. In fact, turquoise is still quite popular. As a result, it is Arizona's state gemstone.

Perhaps the most well-known symbol is the flag. The state flag of Arizona is divided into two parts separated by a copper star. The star represents the fact that Arizona is the largest producer of copper in the nation. The top half of the flag consists of 13 red and yellow rays, symbolizing a western sunset. The number represents the original American colonies. The bottom half of the flag is a solid blue, the same color found on the United States flag.

The Great Seal of Arizona, shown to the right, is used for official state business. Shown on the seal are many symbols representing what has been called “The five C's of Arizona's Economy” - copper, cattle, cotton, citrus, and climate. To the left, a miner, with a pick and shovel, stands in front of the entrance to a mine. In the front, there are fields of cotton and citrus that are being supplied with water from the dam in the distance. Grazing on these fields is a cow. Like the flag, there is a grand sunset in the background. Included in the seal is the Latin version of Arizona's state motto - God enriches - and the year that Arizona became a state.

All information for this article was provided by the Arizona Capitol Museum Web site at http://www.lib.az.us/museum/symbols.cfm.
What are the 5 C’s of Arizona?

What do the parts of the seal represent?
1. Ditat Deus means ____________________.
2. Sunset represents ____________________.
3. The cow represents ____________________.
4. The fields represent _________ & ________.
5. The miner represents the importance of __________.

What are the following state symbols of Arizona?

Mammal: _______________  Tree: _______________  Amphibian: _______________
Fish: _______________  Flower: _______________  Butterfly: _______________
Bird: _______________  Reptile: _______________  Gem: _______________
Create-A-State Seal

Requirements:
- 3 State Symbols
- New State Motto
- Fully Colored
- 6 Items That Represent Arizona