

Arizona

Alliance Created State Giant Traveling Map Lesson

Title: DOGSTAILS: Introduction to the Giant Map

Recommended Grades: Standards are given for grade 3 but can be used at most grade levels

Time Needed: 30 minutes

Objectives:

Students will:

- Name, locate, and use the essential parts of a map.

Materials:

- Project DOGSTAILS Elements (Doc camera or PowerPoint)
- DOGSTAILS Worksheet
- Arizona Giant Map
- DOGSTAILS labels copied in different colors of copy paper

Preparation:

- Print out worksheets for student use
- Laminate DOGSTAILS labels

Rules:

- Shoes are not allowed on the map. Please have students remove shoes before walking on the map. Students must wear socks. No bare feet.
- No writing utensils on the map. Keep all writing utensils and other sharp objects 12 inches from the edge of the map.

Directions:

Prior to going to the location of the giant map.

1. Introduce the term acronym to the students and explain that DOGSTAILS is an example of an acronym.
2. Explain that this is a process that should be used whenever a person deals with a new map. Emphasize that **all maps** do not have **all of these** elements; however, well-made maps will have most of these elements.
3. Distribute the DOGSTAILS Worksheet.
4. Project the DOGSTAILS Elements and explain the parts of a map. Have students record this information on their DOGSTAILS Worksheet.

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Take students to the location of the giant Arizona map.

1. Have students sit around the perimeter of the map.
2. Point out the DOGSTAILS elements on the map.
3. Divide students into base camps and have one base camp at a time take the DOGSTAILS labels and find the elements on the map.
4. Conclude the activity by reminding students that when they construct maps, they should include these DOGSTAILS elements.

STANDARDS

Arizona Social Sciences Standards

Geography

The use of geographic representations and tools helps individuals understand their world.

3.G1.1 Use and construct maps and graphs to represent changes in Arizona over time.

Key concepts include but are not limited to locating physical features including the Grand Canyon, Mogollon Rim, Colorado River, Salt River, Gila River Key concepts include but are not limited to locating human features including major cities, counties, Hoover Dam, Roosevelt Dam, and state capital Key concepts include but are not limited to distinct physical and cultural characteristics of Arizona including landforms, the 5C's, climate zones, elevations, plants, animals, Arizona's 22 Indian Nations, diverse ethnic, racial, and religious cultures

ELA

Reading

Integration of Knowledge and Ideas

3.RI.7 Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).

National Geography Standard

Standard 1: How to use maps and other geographic representations, geospatial technologies, and spatial thinking to understand and communicate information