

Johnny Appleseed: The Path of a Barefoot Legend

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Grade Level	2
Duration	1 class period

National Geography Standards

ELEMENT ONE: THE WORLD IN SPATIAL TERMS

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

Arizona Geography Strand

Concept 1 The World in Spatial Terms

PO 2. Interpret political and physical maps using the following elements:

- c. compass rose--cardinal directions
- d. key (scale)

Other Arizona Standards

English Language Arts

Reading Standards for Literature Integration of Knowledge and Ideas

2.RL.7. Use information gained from the illustrations and words in a print or digital text to demonstrate understanding of its characters, setting, or plot.

Speaking and Listening

Comprehension and Collaboration

2.SL.2. Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.

Language Standards

Vocabulary Acquisition and Use

2.L.4. Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 2 reading and content, choosing flexibly from an array of strategies.

a. Use sentence-level context as a clue to the meaning of a word or phrase.

Mathematics Standards

Measurement and Data

2.MD.A.1. Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks, and measuring tapes.

Overview

Map reading skills are basic to finding one's way. And a perfect way to engage students into learning how to measure on a map and determine direction is through children's literature.

Purpose

In this lesson students will learn where John Chapman was born and planted apple orchards on his way west. Students will then use appropriate tools to measure the distance he walked using the

map's scale and finally use the compass rose to determine which direction one would go to travel from Arizona to Pennsylvania.

Materials

- *Johnny Appleseed: My Story* as told by David L. Harrison
- The United States (with state names) map (8.5" x 11")
- Instructions for Completing Student Map Work
- Large wall map of the US with states labeled
- Small apple stickers

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- Paper strips to measure distance on map (cut approximately 4" by 1")
- Johnny Appleseed Assessment and Answer Key

Objectives

The student will be able to:

1. Explain who Johnny Appleseed was and why he is famous.
2. Determine the direction Johnny Appleseed walked.
3. Measure the distance Johnny Appleseed walked while planting apple orchards on a U.S. map.
4. Use the compass rose to determine directions.

Procedures

Prerequisite Knowledge: Students should know the cardinal directions and how to apply them to reading a map.

1. Display a wall map of the United States and ask students to locate Arizona as well as other states they have been to or know about.
2. Now ask if they like apples. Then ask if they know where apples grow. Write their responses on the whiteboard.
3. Read and show the illustrations in the book, **Johnny Appleseed: My Story**. This is just a first read so students know the story and can visualize the events and people through the illustrations.
4. Divide the class into partners and distribute The United States (with states names) map.
5. Now read the book for a second time. Use the Student Map Work Instructions and slowly go through the directions as students complete tasks 1-6. Be sure to review compass directions when doing task 3. To practice compass directions, you can ask students these questions: In what direction would you travel to go

- from Indiana to Georgia?
- from Montana to Texas?
- from Florida to Maine?
- from California to Virginia?

When you can see that students are ready to move on, go to task 4.

6. Model how to use a small piece of paper to create a ruler by marking off 100, 200, 300 miles mirroring the scale on the US map. Have students practice measuring before completing task 5.
7. Distribute the Johnny Appleseed Assessment and have partners complete the worksheet together.

Assessment

Students will show mastery on the Johnny Appleseed Assessment by answering 4 out of 5 questions correctly.

Extensions

Possible extensions for this activity include:

- Read the story again listing the myths or exaggerations about Johnny Appleseed.
- Science-students can learn about the life cycle of the apple.
- -Students can taste test different types of apples to compare and contrast the various kinds with a Venn Diagram.

Sources

The United States (with state names) map from Arizona Geographic Alliance
<http://geoalliance.asu.edu/sites/default/files/maps/US-NAMES.pdf>

Harrison, David L (2001) *Johnny Appleseed: My Story* New York: Random House
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