
Related Arizona Academic Standards
For the OPENOUT Programs
Grades 4-8

What is an Archaeologist?

Reinforces most of Science Standards Strand 1 and 2 for the 4th-8th grades

4th & 5th Grade Social Studies Standards:

Strand 1: American History

Concept 1: Research Skills for History

PO 4. Describe how archaeological research adds to our understanding of the past.

6th Grade Social Studies Standards:

Strand 1: American History

Concept 1: Research Skills for History

PO 4. Formulate questions that can be answered by historical study and research

5th Grade Science

Strand 2: History and Nature of Science

Concept 1: History of Science as a Human Endeavor

PO 2. Describe science-related career opportunities

Concept 2: Nature of Scientific Knowledge

PO 1. Explain the role of experimentation in scientific inquiry

6-8th Grade Science

Strand 2: History and Nature of Science

Concept 2: Nature of Scientific Knowledge

PO 1. Describe how science is an ongoing process that changes in response to new information and discoveries

PO 2. Describe how scientific knowledge is subject to change as new information and/or technology challenges prevailing theories

PO 3. Apply the following scientific processes to other problem solving or decision making situations

- Observing
- Questioning
- Communicating
- Comparing
- Inferring
- Generating hypotheses
- Identifying variables