

Roman Coins

Science/Social Studies/Language Arts/Math

Archaeological Dig

Sixth Grade

Science Standard 4: Students will understand and apply scientific concepts, principles and theories pertaining to the physical setting and living environment and recognize the historical development ideas in science.

Key Idea: *3. Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.*

Social Studies Standard 2: Students will use a variety of intellect skills to demonstrate their understanding of major ideas, eras, themes, developments, and turning points in world history and examine the broad sweep of history from a variety of perspectives.

Key Idea: *2. Interpret and analyze documents and artifacts related to significant developments and events in world history.*

Social Studies Standard 3: Students will use a variety of intellect skills to demonstrate their understanding of the geography of the interdependent world in which we live.

Key Idea: *1. map information about people, places, and environments.*

Math Standard 3: Students will understand mathematics and become mathematically confident by communicating and reasoning mathematically, by applying mathematics in real-world settings, and by solving problems through the integrated study of number systems, geometry, algebra, data analysis, probability, and trigonometry.

Key Idea: *5. measure to provide a major link between the abstractions of mathematics and the real world in order to describe and compare objects and data.*

ELA Standard 1: Students will read, write, listen and speak for information and understanding:

Key Idea: *1. to acquire, understand, and apply information from a variety of sources.*

Key Idea: *6. accomplish tasks by reading and understanding directions.*

Project: Archaeological Dig

Time: First Project

Activity: As an anticipatory set, the teacher will have modeled an archaeological dig to create student interest. Students will then “dig up” their own coins. During this process, they will be responsible for keeping detailed notes using an “archaeologist daily log” to catalog their findings, as well as map the locations of their finds.

The log may include but not be limited to:

- list of supplies and tools used
- hypothesis/prediction of what would might be found
- map showing locations of finds
- photographs/illustrations (location found/after retrieval)
- Identification label and short written description of item(s) found

Assessment: Written catalog, which may also be presented orally, will be evaluated through a developed rubric.