

Map Your World

Topic: Anthropology

Subtopic: Tools and Methods

Type: Activity

Level: for grades 3 and up

Time: Approximately 1 period

Origin: OLogy

Keywords:

Archaeology--Field work • Cartography • Excavations (Archaeology) • Surveys--Plotting

MORE ABOUT THIS RESOURCE

Map Your World is part of OLogy, where kids can collect virtual trading cards and create projects with them. Here, they learn about plans by mapping their rooms.

- The activity begins with a brief explanation of the variety of maps we use, explaining how archaeologists use plans.
- Kids are then given step-by-step directions for creating a plan that shows their room and its contents.
- Directions for two additional activities are included, Map a Bigger World and Map Your Room to Scale.

TEACHER TIPS

Supplement a study of archaeology with a classroom project drawn from this online mapping activity.

1. Send students to Map Your World, or print copies of its information sections for them to read.
2. Divide the class into small groups, assigning one or more rooms in your school to each group.
3. Determine a standard scale for everyone to use. Then have the groups work together to create a to-scale map of your school.

STANDARDS

National Science Education Standards

Grades K-4:

Science as Inquiry CONTENT STANDARD A:

- abilities necessary to do scientific inquiry
- understanding about scientific inquiry

Science and Technology CONTENT STANDARD E:

- abilities of technological design
- understanding about science and technology

History and Nature of Science CONTENT STANDARD G:

- science as a human endeavor

Grades 5-8:

Science as Inquiry CONTENT STANDARD A:

- abilities necessary to do scientific inquiry
- understanding about scientific inquiry

Science and Technology CONTENT STANDARD E:

- abilities of technological design
- understandings about science and technology

History and Nature of Science CONTENT STANDARD G:

- science as a human endeavor

Grades 9-12:

Science as Inquiry CONTENT STANDARD A:

- abilities necessary to do scientific inquiry
- understanding about scientific inquiry

Science and Technology CONTENT STANDARD E:

- abilities of technological design
- understandings about science and technology

History and Nature of Science CONTENT STANDARD G:

- science as a human endeavor

Curriculum Standards for Social Studies

Grades K-4:

People, places and environment

- construct and use mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape.
- interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs.

Individual Development and Identity

- describe personal connections to place-especially place as associated with immediate surroundings.

Grades 5-8:

People, places and environment

- elaborate mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape.
- create, interpret, use, and distinguish various representations of the earth, such as maps, globes, and photographs.

Individual Development and Identity

- describe personal connections to place-as associated with community, nation, and world.

Grades 9-12:

People, places and environment

- refine mental maps of locales, regions, and the world that demonstrate understanding of relative location, direction, size, and shape.
- create, interpret, use, and synthesize information from various representations of the earth, such as maps, globes, and photographs.

Individual Development and Identity

- articulate personal connections to time, place, and social/cultural systems.