



ARCHAEOLOGY MERIT BADGE WORK SHEET (BYU/UVU PowWow)

Scout's Name

Instructor's Name

Scout's Address

City

State

Zip

Instructions

- 1) The Scout is to review the merit badge book before the first week of PowWow.
- 2) Bring this work sheet, paper, and pen or pencil each week.

Requirement Instructions*

- 1) Requirement 1 will be passed off during the two sessions of PowWow.
- 2) Requirement 2 will be passed off during the two sessions of PowWow.
- 3) Requirement 3 will be passed off during the two sessions of PowWow.
- 4) Requirement 4 must be completed as **homework** during the time between the two sessions of PowWow.
- 5) Requirement 5 will be passed off during the two sessions of PowWow.
- 6) Requirement 6 will be passed off during the two sessions of PowWow.
- 7) Requirement 7 will be passed off during the two sessions of PowWow.
- 8) Requirement 8 must be completed as **homework** during the time between the two sessions of PowWow.
- 9) Requirement 9 must be completed as **homework** during the time between the two sessions of PowWow.
- 10) Requirement 10 will be passed off during the two sessions of PowWow.
- 11) Requirement 11 will be passed off during the two sessions of PowWow.
(Instructions on how to do this will be provided at the **first** session.)
- 12) Requirements not passed off the first Saturday may be passed off the second Saturday.

*All requirements may be subject to change by the merit badge counselor based on time constraints at the PowWow session. Please listen to all instructions given by the instructor to be aware of any changes.

Requirement 1

Initial

What is archaeology?

Define anthropology:

Define geology:

Define paleontology:

Define history:

By defining each item, you will be able to tell how each of them differs from archaeology.

Requirement 2

Initial

Define each of the following steps of the archaeological process:

Site Location:

Site Excavation:

Artifact Identification:

Artifact Examination:

Interpretation:

Preservation:

Information Sharing:

Requirement 3

Initial

Describe at least two ways in which archaeologists determine the age of sites, structures, or artifacts:

Method 1:

Method 2:

Explain what relative dating is.

Requirement 4

Initial

For this requirement you have been given three options. Select and complete TWO of them.

Option 1:

Gather research on three archaeological sites located *outside* the United States. Use the space below to record information about these three sites:

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a world map.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a world map.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a world map.

On a map, point out the locations of the sites you researched. On another piece of paper, explain how the information gained from the study of these sites answers questions that archaeologists are asking and how the information may be important for modern people. Compare the relative ages of the sites you research.

Option 2:

Gather research on three archaeological sites located *within* the United States. Use the space below to record information about these three sites.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a map.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a map.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

Check here after you have pointed this site out on a map.

On a map, point out the locations of the sites you researched. On another piece of paper, explain how the information gained from the study of these sites answers questions that archaeologists are asking and how the information may be important for modern people. Compare the relative ages of the sites you research.

Option 3:

Visit an archaeological site and gather research on it. Use the space below to record information about this site.

Site Name:

Site Location:

How was this site discovered?

Information found at site:

Approximate age of site:

On a map, point out the locations of the sites you researched. On another piece of paper, explain how the information gained from the study of these sites answers questions that archaeologists are asking and how the information may be important for modern people. Compare the relative ages of the sites you research.

Requirement 5

Initial

Choose ONE of the sites you picked for requirement 4 and give a short presentation about your findings to a Cub Scout pack, troop, school class, or other group.

Research Project Presented:

Presented To:

Requirement 6

Initial

Explain why it is important to protect archaeological sites.

Explain what people should do if they think they have found an artifact.

Describe ways in which you can be a protector of the past.

Requirement 7

Initial

You have been given two options for this requirement. Select and complete ONE of them.

Option 1:

Make a list of items you would include in a time capsule, and **discuss with your counselor** what an archaeologist could learn a thousand years from now from the contents of your capsule.

Option 2:

Make a list of the trash your family throws out during one week, and **discuss with your counselor** what an archaeologist finding that trash a thousand years from now might possibly learn about you and your family.

Requirement 8**Initial**

You have been given three options for this requirement. Select and complete ONE of them.

Option 1:

Under the supervision of a qualified archaeologist, spend at least eight hours helping to excavate an archaeological site. Give a summary of your experience on another piece of paper.

Option 2:

Under the supervision of a qualified archaeologist, spend at least eight hours in an archaeological laboratory helping to prepare artifacts for analysis, storage, or display. Give a summary of your experience on another piece of paper.

Option 3:

If you are unable to work in the field or in a laboratory under the supervision of a qualified archaeologist, you may substitute a mock dig. To find out how to make a mock dig, talk with a professional archaeologist, trained avocational archaeologist, museum instructor, junior high or high school science teacher, advisor from a local archaeology society, or other qualified instructor. On another piece of paper, plan what you will bury in your artificial site to show use of your "site" during two time periods.

Requirement 9**Initial**

You have been given two options for this requirement. Under the supervision of a qualified archaeologist or instructor, select and complete ONE of them.

Option 1:

Help prepare an archaeological exhibit for display in a museum, visitor center, school, or other public area. Describe your experience.

Option 2:

Use the methods of experimental archaeology to re-create an item or to practice skills from the past. Write a brief report explaining the experiment and its results on another sheet of paper.

Requirement 10**Initial**

You have been given two options for this requirement. Select and complete ONE of them.

Option 1:

Research Native Americans who live or once lived in your area.

Describe their traditional life ways.

Describe their dwellings.

Describe their clothing styles.

Describe their arts and crafts.

Describe their methods of food gathering.

Describe their methods of food preparation.

Describe their methods of food storage.

Describe what you would expect to find at an archaeological site for these people.

Option 2:

Research settlers or soldiers who were in your area at least one hundred years ago.

Describe their houses or forts.

Describe their ways of life.

Describe their clothing styles.

Describe their arts and crafts.

Describe their methods of food gathering.

Describe the dietary habits of the early settlers, farmers, ranchers, soldiers, or townspeople who once lived in the area where your community now stands.

Describe what you would expect to find at an archaeological site for these people.

Requirement 11

Initial

Identify three career opportunities in archaeology and tell what education and experience are required for each.

Career:

Career:

Career:

Pick one and explain how to prepare for such a career. Discuss with your counselor what education and training are required, and tell why this profession might interest you.

Education:

Training:

Merit badge worksheets will not be accepted at the Council Office in place of the official Merit Badge Application Card. Those who do not complete all the requirements should take their partially completed merit badge worksheet and their official application card to their local merit badge counselors for completion.