



Scoutmaster Bucky ARCHAEOLOGY Merit Badge Workbook

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| SCOUT'S INFORMATION | MERIT BADGE COUNSELOR INFORMATION |
|---|---|
| Name _____ Phone _____ Organization _____ | Name _____ Address _____ City State Zip _____ Phone _____ Mobile _____ Email _____ |
| WORKBOOK INFORMATION | |
| Scoutmaster Bucky Workbook based off of <i>Boy Scout Requirements</i> – 2018 Edition Visit www.ScoutmasterBucky.com for more information. | |
| REQUIREMENT 1: TELL WHAT ARCHAEOLOGY IS | |
| | |



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REQUIREMENT 1:

EXPLAIN TO YOUR COUNSELOR HOW ARCHAEOLOGY DIFFERS OR RELATES TO OTHER FIELDS OF STUDY SUCH AS ANTHROPOLOGY, GEOLOGY, PALEONTOLOGY, AND HISTORY.

Anthropology:

Geology:

Paleontology:



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History:

REQUIREMENT 1: EXPLAIN HOW ARCHAEOLOGY IS DIFFERENT THAN ARTIFACT COLLECTING OR TREASURE HUNTING.



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REQUIREMENT 2: DESCRIBE EACH OF THE FOLLOWING STEPS OF THE ARCHAEOLOGICAL PROCESS:

Site Location:

Development of Background Research and a Research Design:



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Site Survey and Fieldwork:

Artifact Identification and Examination:



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Interpretation:

Preservation:



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Information Sharing:

REQUIREMENT 3: DESCRIBE AT LEAST TWO WAYS IN WHICH ARCHAEOLOGISTS DETERMINE THE AGE OF SITES, STRUCTURES, OR ARTIFACTS.

#1:



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#2:

REQUIREMENT 3: EXPLAIN WHAT ABSOLUTE DATING AND RELATIVE DATING ARE.

Absolute Dating:

Relative Dating:



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REQUIREMENT 4: LEARN ABOUT A COMBINED TOTAL OF FIVE ARCHAEOLOGICAL SITES LOCATED BOTH WITHIN AND OUTSIDE THE UNITED STATES.

REQUIREMENT 4A: FOR EACH SITE YOU RESEARCH, POINT IT OUT ON A MAP AND EXPLAIN HOW IT WAS DISCOVERED. DESCRIBE SOME OF THE INFORMATION ABOUT THE PAST THAT HAS BEEN FOUND AT EACH SITE. EXPLAIN HOW THE INFORMATION GAINED FROM THE STUDY OF THESE SITES ANSWERS QUESTIONS THAT ARCHAEOLOGISTS ARE ASKING AND HOW THE INFORMATION MAY BE IMPORTANT TO MODERN PEOPLE. COMPARE THE RELATIVE AGES OF THE SITES YOU RESEARCH.

Site #1: _____

Location: _____

Age of site: _____

How was it discovered:

What's been found there:



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How has information gained answered archaeologists' questions:

How has the information gained been important to modern people?

Site #2:

Location:

Age of site:

How was it discovered:



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What's been found there:

How has information gained answered archaeologists' questions:

How has the information gained been important to modern people?



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Site #3: _____

Location: _____

Age of site: _____

How was it discovered:

What's been found there:

How has information gained answered archaeologists' questions:



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How has the information gained been important to modern people?

Site #4: _____

Location: _____

Age of site: _____

How was it discovered:

What's been found there:



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How has information gained answered archaeologists' questions:

How has the information gained been important to modern people?

Site #5: _____

Location: _____

Age of site: _____

How was it discovered:



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What's been found there:

How has information gained answered archaeologists' questions:

How has the information gained been important to modern people?



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REQUIREMENT 4B:

CHOOSE ONE OF THE SITES YOU PICKED AND GIVE A SHORT PRESENTATION ABOUT YOUR FINDINGS TO A CUB SCOUT PACK, YOUR SCOUT TROOP, YOUR SCHOOL CLASS, OR ANOTHER GROUP.

Selected Site: _____

Notes:



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REQUIREMENT 5A:

LEARN ABOUT THE FEDERAL LAWS AND INTERNATIONAL CONVENTIONS THAT PROTECT ARCHAEOLOGICAL SITES.

REQUIREMENT 5A:

FIND OUT IF YOUR STATE, COUNTY, OR LOCAL GOVERNMENT HAS REGULATIONS THAT APPLY TO ARCHAEOLOGICAL OR HISTORIC SITES.



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REQUIREMENT 5B:

IDENTIFY A NATIONAL, INTERNATIONAL, OR LOCAL ORGANIZATION THAT HELPS TO PROTECT ARCHAEOLOGICAL SITES.

REQUIREMENT 6A:

EXPLAIN WHY IT IS IMPORTANT TO PROTECT ARCHAEOLOGICAL SITES.



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REQUIREMENT 6B:

EXPLAIN WHAT PEOPLE SHOULD DO IF THEY THINK THEY HAVE FOUND AN ARTIFACT.

REQUIREMENT 6C:

DESCRIBE THE WAYS IN WHICH YOU CAN BE A PROTECTOR OF THE PAST.



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DO ONE OF THE FOLLOWING (7A, 7B, OR 7C) IN REQUIREMENT 7

REQUIREMENT 7A: VISIT A MUSEUM TO OBSERVE HOW ARTIFACTS AID IN CONVEYING HISTORY.

Museum:

Date and Location Visited:

How artifacts aid in conveying history:



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REQUIREMENT 7B: PRESENT TO YOUR COUNSELOR A SIGNIFICANT FAMILY ARTIFACT/HEIRLOOM AND DISCUSS ITS HISTORY.

This requirement does not require any workbook entry.
You will need to bring your family artifact/heirloom to share with your counselor.

You may want to make notes below for reference for your presentation

Notes:



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REQUIREMENT 7C:

MAKE A LIST OF THE TRASH YOUR FAMILY THROWS OUT DURING ONE WEEK.

REQUIREMENT 7C:

DISCUSS WITH YOUR COUNSELOR WHAT ARCHAEOLOGISTS MIGHT LEARN ABOUT YOU AND YOUR FAMILY IF THEY FOUND YOUR TRASH A THOUSAND YEARS FROM NOW.



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DO EITHER A OR B FOR REQUIREMENT 8

REQUIREMENT 8A:

WITH YOUR PARENT'S AND COUNSELOR'S PERMISSION, ASSIST A QUALIFIED ARCHAEOLOGIST FOR AT LEAST EIGHT HOURS WITH A PROJECT BEING WORKED ON. PROJECTS MAY INCLUDE SURVEYING, SITE MONITORING, SITE STABILIZATION, EXCAVATION, LABORATORY ANALYSIS, USE OF DIGITAL ARCHAEOLOGICAL TECHNOLOGY, OR PUBLIC OUTREACH. DESCRIBE YOUR INVOLVEMENT IN THE PROJECT, WHAT YOU LEARNED ABOUT ARCHAEOLOGY, AND THE STEPS OF ARCHAEOLOGICAL INQUIRY.

Facility: _____

Location: _____

Date and time of work: _____

Parent's Name

Phone

Parent's Signature

Date approved

Counselor's Name

Phone

Counselor's Signature

Date approved

Archaeologist's Name

Phone

Archaeologist's Signature

Date completed
8 hours



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REQUIREMENT 8A: DESCRIBE YOUR INVOLVEMENT IN THE PROJECT

REQUIREMENT 8A: DESCRIBE WHAT YOU LEARNED ABOUT ARCHAEOLOGY



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REQUIREMENT 8A:

DESCRIBE THE STEPS OF ARCHAEOLOGICAL INQUIRY.

REQUIREMENT 8B:

WITH YOUR COUNSELOR'S APPROVAL, TAKE PART IN A SIMULATED ARCHAEOLOGICAL PROJECT DESIGNED BY A QUALIFIED ARCHAEOLOGIST. THE PROJECT MUST INCLUDE THE USE OF A SIMULATED ARCHAEOLOGICAL SITE INCLUDING ARTIFACTS AND FEATURES FOR THE SITE.

Facility:

Location:

Date and time of work:

Counselor's Name

Phone

Counselor's Signature

Date

approved



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REQUIREMENT 8B:

USING THE STEPS OF ARCHAEOLOGICAL INQUIRY, ANALYZE THE "ARTIFACTS AND FEATURES" AND DOCUMENT THE SPATIAL RELATIONSHIPS OF THE "ARTIFACTS AND FEATURES" AT THE SIMULATED SITE.



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REQUIREMENT 8B:

EXPLAIN HOW THE ENVIRONMENT AND TIME CAN AFFECT THE INTERPRETATION OF AN ARTIFACT AND THE OVERALL ARCHAEOLOGICAL SITE.

REQUIREMENT 8B:

TELL HOW YOU WOULD SHARE THE RESULTS OF YOUR ANALYSIS WITH OTHER RESEARCHERS AND THE PUBLIC.



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UNDER THE SUPERVISION OF A QUALIFIED ARCHAEOLOGIST OR INSTRUCTOR, DO ONE OF THE FOLLOWING (9A OR 9B) IN REQUIREMENT 9

REQUIREMENT 9A: HELP PREPARE AN ARCHAEOLOGICAL EXHIBIT FOR DISPLAY IN A MUSEUM, VISITOR CENTER, SCHOOL, OR OTHER PUBLIC AREA.

Facility: _____

Location: _____

Date and time of work: _____

Supervisor's Name

Phone

Supervisor's Signature

Date

approved

Notes:



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REQUIREMENT 9B:

USE THE METHODS OF EXPERIMENTAL ARCHAEOLOGY TO RE-CREATE AN ITEM OR TO PRACTICE A SKILL FROM THE PAST. WRITE A BRIEF REPORT EXPLAINING THE EXPERIMENT AND ITS RESULTS.



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REQUIREMENT 10:

RESEARCH A GROUP OF PEOPLE WHO LIVED IN YOUR AREA MORE THAN 100 YEARS AGO. FIND OUT ABOUT THEIR WAYS OF LIFE, INCLUDING HOUSING, CLOTHING, ARTS AND CRAFTS, TOOLS, TRADE AND MARKETS, RITUALS AND RELIGIONS, AND DIETS, AND THEIR RELATIONSHIPS WITH OTHER GROUPS OF PEOPLE IN THE AREA.

Group _____

FIND OUT ABOUT THEIR WAYS OF LIFE:

Housing:

Clothing:



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Arts and Crafts:

Tools:

Trade and Markets:



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Rituals and Religions:

Diets:

Relationship with others in the area:



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REQUIREMENT 10:

DESCRIBE WHAT YOU WOULD EXPECT TO FIND AT AN ARCHAEOLOGICAL SITE WHERE THESE PEOPLE LIVED.

REQUIREMENT 10:

EXPLAIN HOW THESE PEOPLE INFLUENCED YOUR CURRENT COMMUNITY.



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REQUIREMENT 11:

IDENTIFY THREE CAREER OPPORTUNITIES IN ARCHAEOLOGY. PICK ONE AND EXPLAIN HOW TO PREPARE FOR SUCH A CAREER. DISCUSS WITH YOUR COUNSELOR WHAT EDUCATION AND TRAINING ARE REQUIRED, AND EXPLAIN WHY THIS PROFESSION MIGHT INTEREST YOU.

Career Opportunity #1:

Career Opportunity #2:

Career Opportunity #3:

Selected Archaeology Career Opportunity:

Education:

Training:

Why this might interest you: