## ARCHITECTURE MERIT BADGE WORKBOOK

| REQUIREMENT 1a: | Tour your community and list the different types of buildings you see. Try to identify buildings that can be associated with a specific period of history or style of architecture. |
|---|---|

**BUILDING #1:**

**Name or Basic Description of Building:**

**Notes:**

**BUILDING #2:**

**Name or Basic Description of Building:**

**Notes:**

| BUILDING #3: |
| --- |

**Name or Basic Description of Building:**




**Notes:**









| BUILDING #4: |
| --- |

**Name or Basic Description of Building:**




**Notes:**









| BUILDING #5: |
| --- |

**Name or Basic Description of Building:**




**Notes:**

**REQUIREMENT 1a:**    Make a sketch of the building you most admire.

| REQUIREMENT 1b: | Select a historical architectural achievement that has had a major impact on society. Using resources such as the internet (with your parent's permission), books, and magazines, find out how this achievement has influenced the world today. Tell your counselor what you learned. |
|---|---|

Parent's Name

Phone

Parents Signature

Date

☐ *permission to use internet*

**Selected Historical Architectural Achievement:**

**Major Impact on Society:**

**How this achievement has influenced the world today:**

## THE OUTDOOR CODE

### AS AN AMERICAN, I WILL DO MY BEST TO -

### BE CLEAN IN MY OUTDOOR MANNERS
I will treat the outdoors as a heritage.
I will take care of it for myself and others.
I will keep my trash and garbage out of lakes, streams, fields, woods, and roadways.
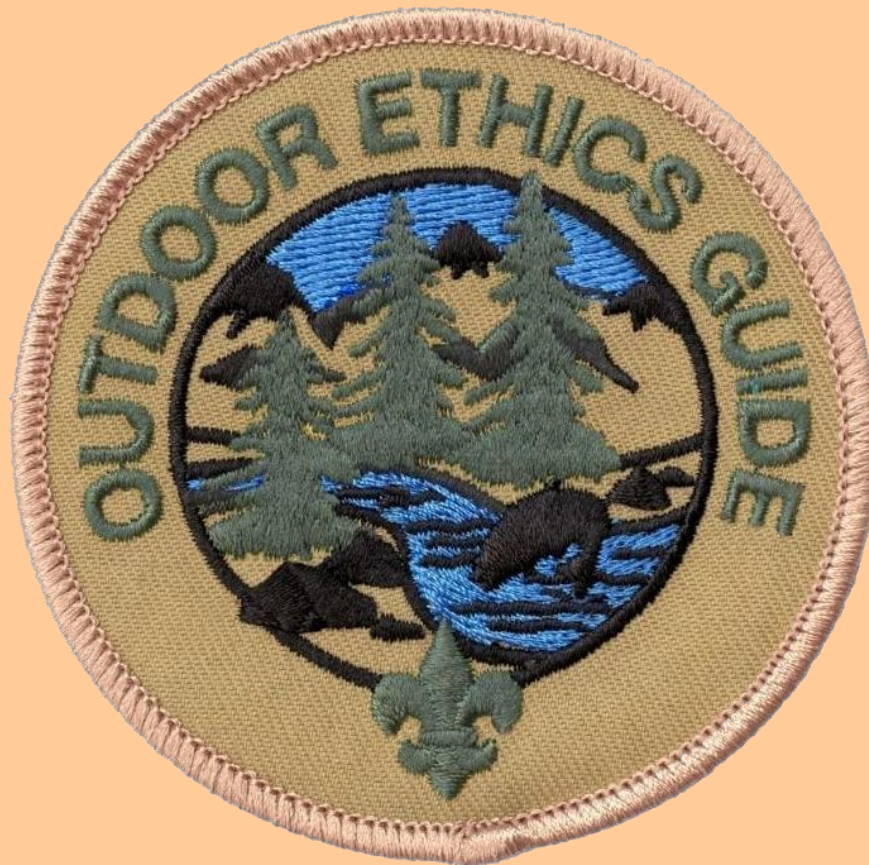
### BE CAREFUL WITH FIRE
I will prevent wildfire.
I will build my fires only where they are appropriate.
When I have finished using a fire,
I will make sure  it is cold out.
I will leave a clean fire ring, or
remove all evidence of my fire.

### BE CONSIDERATE IN THE OUTDOORS
I will treat public and private property with respect.
I will use low-impact methods of hiking and camping.

### BE CONSERVATION-MINDED
I will learn how to practice good conservation of soil, water, forests, minerals, grasslands, wildlife, and energy.
I will urge others to do the same.

| **REQUIREMENT 2a:** | In the Outdoor Code, a Scout pledges to "be conservation minded." Discuss the following with your counselor: The term sustainable architecture. Identify three features typical of green buildings. |
|---|---|

**Sustainable Architecture:**



THREE FEATURES OF A TYPICAL "GREEN" BUILDING

**Feature 1:**



**Feature 2:**



**Feature 3:**

| REQUIREMENT 2b: | In the Outdoor Code, a Scout pledges to "be conservation minded." Discuss the following with your counselor: The difference between renewable building materials and recycled building materials, and how each can be used in construction. |
|---|---|

**Renewable Building Materials:**

**Recycled Building Materials:**

**How Renewable Building Materials can used in construction:**

**How Recycled Building Materials can be used in construction:**

| REQUIREMENT 2c: | In the Outdoor Code, a Scout pledges to "be conservation minded." Discuss the following with your counselor: The relationship of architecture with its surrounding environment and the community. |
|---|---|

**Notes:**

| REQUIREMENT 2d: | In the Outdoor Code, a Scout pledges to "be conservation minded." Discuss the following with your counselor: How entire buildings can be reused rather than torn down when they no longer serve their original purpose. |
|---|---|

**Notes:**

## DO ONE OF THE FOLLOWING (3A, 3B, or 3C) FOR REQUIREMENT 3

| REQUIREMENT 3a: | With your parent's and counselor's permission and approval, arrange to meet with an architect. Ask to see the scale model of a building and the drawings that a builder would use to construct this building. Discuss why the different building materials were selected. Look at the details in the drawings and the model to see how the materials and components are attached to each other during construction. |
|---|---|

_____
Parent's Name

_____
Phone

_____
Parents Signature

_____
Date

☐ *approved*

**COUNSELOR APPROVAL:** PERHAPS IMPLIED, THIS REQUIREMENT DOES NOT STATE THAT YOU NEED THE COUNSELOR'S APPROVAL AHEAD OF TIME TO RESEARCH AND PREPARE. PLEASE NOTE, AS WITH ANY REQUIREMENT, ACCEPTANCE IS AT THE DISCRETION AND SATISFACTION OF THE MERIT BADGE COUNSELOR.

**Architect and Architectural Firm:**

**Date and Location of Meeting:**

_____
Counselor's Name

_____
Phone

_____
Counselor's Signature

_____
Date

☐ *approved*

**Notes:**

| **REQUIREMENT 3b:** | With your parent's and counselor's permission and approval, arrange to meet with an architect at a construction site. Ask the architect to bring drawings that the builder uses to construct the building. While at the site, discuss why the different building materials being used were selected. Discuss how the different building materials and components are attached to each other during construction. |
|---|---|

Parent's Name

Phone

Parents Signature

Date

☐ *approved*

**COUNSELOR APPROVAL:** PERHAPS IMPLIED, THIS REQUIREMENT DOES NOT STATE THAT YOU NEED THE COUNSELOR'S APPROVAL AHEAD OF TIME TO RESEARCH AND PREPARE. PLEASE NOTE, AS WITH ANY REQUIREMENT, ACCEPTANCE IS AT THE DISCRETION AND SATISFACTION OF THE MERIT BADGE COUNSELOR.

**Architect and Architectural Firm:**

**Construction Site Location and Date of Visit:**

Counselor's Name

Phone

Counselor's Signature

Date

☐ *approved*

**Notes:**

| REQUIREMENT 3c: | Interview someone who might be your client (such as a prospective homeowner or business owner) if you were an architect. Find out what your client's requirements would be for designing a new home or business building. Write a short program including a list of requirements for the project, the functions of the building and site, how the functions relate to one another, and the goals of the project. |
|---|---|

**Who you Interviewed:**

**Notes:**

# Architecture Merit Badge

**REQUIREMENT 4:** Measure a room such as one where you live or where your troop meets. Make an accurately scaled drawing of the room's floor plan showing walls, doors, closets, windows, and any built-in furniture or cabinets. Neatly label your drawing with the following: your name, the date, what room you drew, and the scale of the drawing. (i.e., Drawing scale: ¼ inch = 1 foot).

# Architecture Merit Badge

| REQUIREMENT 5: | Find out about three career opportunities in architecture |
|---|---|

**Career Opportunity #1:**

**Career Opportunity #2:**

**Career Opportunity #3:**

| REQUIREMENT 5: | Pick one and find out the education, training, and experience required for this profession |
|---|---|

**Selected Career Opportunity:**

**Educational Requirements:**

**Training Requirements:**

**Experience Requirements:**

| REQUIREMENT 5: | Explain why this profession might interest you |
|---|---|

**Notes:**