

Course Prerequisites

**Recommended Pre-requisites (may vary dependent on course instructor).
These courses may or may not be offered on an Annual basis.**

You may find what the requirements are by visiting <http://www.scouting.org/meritbadges.aspx>

American Heritage

Requirement 3(c). Research Family History. Be prepared to discuss in class.

Architecture

Requirement 4. Bring your work to class.

Requirement 5. Bring proof of completion.

Art

Requirement 6. Visit museum, art exhibit, art gallery, artist' co-op, or artist workshop

Astronomy

Requirement 8. Bring proof of completion.

Requirement 9. Be prepared to discuss in class.

Chess

Requirement 4. Bring written section to class.

Requirement 5. Bring written section to class.

Citizenship in the Community – Eagle Required

Complete Requirement 2(b). Bring your chart to class.

Complete Requirement 3(a). Bring a note from an adult as proof.

Complete Requirement 4. Bring your notes to class.

Complete Requirement 5. Be prepared to discuss in class.

Complete Requirement 6. Be prepared to discuss in class.

Complete Requirement 7c. Bring a note from an adult as proof of at least 8 hours of community service.

Complete Requirement 8. Be prepared to present in class.

Citizenship in the Nation – Eagle Required

Complete Requirement 2. Bring a note from an adult as proof.

Complete Requirement 3. Bring your articles or notes to class.

Complete Requirement 6. Be prepared to discuss in class.

Complete Requirement 8. Bring a copy of your letter(s) to class.

Citizenship in the World – Eagle Required

Complete Requirement 3a. Be prepared to discuss in class.

Complete Requirement 4. Be prepared to discuss in class.

Complete Requirement 7. Bring your notes to class.

Coin Collecting

Requirement 7: Collect from circulation a set of current U.S. coins. Include one coin of each denomination (cent, nickel, dime, quarter, half dollar, and dollar). The rest will be done in class.

Complete Requirement 9: Do ONE of the following:

- a. Collect and identify 50 foreign coins from at least 10 different countries.
- b. Collect and identify 20 bank notes from at least five different countries.
- c. Collect and identify 15 different tokens or medals.
- d. For each year since the year of your birth, collect a date set of a single type of coin.

Collections

Scout is to bring a collection of items. These items can be anything from baseball cards, to hot wheels, to insects, etc. Stamp and Coin collections are excluded.

Requirement 1: Prepare a short written report or outline for your counselor, giving a detailed description of your collection, including a short history. Be sure to include why you chose that particular type of collecting and what you enjoy and have learned from your collection.

Communications – Eagle Required

Complete Requirement 2(a). Be prepared to present in class.

Complete Requirement 3. Bring a note from an adult as proof.

Complete Requirement 4. Bring your presentation to class.

Complete Requirement 5. Bring your report to class.

Complete Requirement 6. Bring your plan and materials to class.

Complete Requirement 7. Bring proof to class.

Complete Requirement 8. Bring proof to class.

Cooking – Eagle Required

Requirement 4. Cooking at home – bring note from adult showing completion

Requirement 4(b). Share and discuss your meal plan and shopping list with your counselor.

Requirement 5. Camp cooking – bring note from Scoutmaster or ASM showing completion.

Requirement 5(c). Share and discuss your meal plan and shopping list with your counselor.

Requirement 6. Trail and backpacking meals – bring note from Scoutmaster or ASM showing completion.

Requirement 6(c). Share and discuss your meal plan and shopping list with your counselor.

Requirement 7. Food –related careers. Be prepared to discuss in class.

Crime Prevention

Requirement 4(a). Inspect your neighborhood. Bring findings

Requirement 4(b). Bring checklist of security survey of your home.

Requirement 6. Bring your work to class.

Requirement 7. Bring proof of completion.

Dentistry

Complete Requirement 3. Bring your notes to class.

Complete Requirement 4c. Bring your record to class.

Complete Requirement 6. Bring your work to class.

Digital Technology

Complete Requirement 1. Bring your notes to class

Complete Requirement 4. Bring your notes to class.

Complete Requirement 5. Bring your notes to class.

Complete Requirement 7. Bring your notes to class.

Complete Requirement 9. Bring your notes to class.

Electricity

Complete Requirement 2. Bring home safety inspection list to class.

Complete Requirement 8. Bring diagram to class.

Complete Requirement 9. Bring written notes to class.

Electronics (additional \$10 fee)

Requirement 6. Be prepared to discuss in class.

Emergency Preparedness – Eagle Required

Bring verification that you earned the First Aid Merit Badge.

Complete Requirement 2. Bring your notes to class and be prepared to discuss.

Complete Requirement 6. Be prepared to discuss in class.

Complete Requirement 8. Be prepared to discuss in class. Bring your kit to class.

Complete Requirement 9b. Bring a letter from an adult as proof. Bring your plan.

Engineering

Complete Requirement 1. Bring your written section to class and be prepared to discuss.

Complete Requirement 2. Bring your written section to class and be prepared to discuss.

Complete Requirement 3. Bring your written section to class and be prepared to discuss.

Complete Requirement 7. Bring your written section to class and be prepared to discuss.

Complete Requirement 8. Bring your written section to class and be prepared to discuss.

Complete Requirement 9. Bring your written section to class and be prepared to discuss.

Family Life – Eagle Required

Requirement 3. Keep a 90 day record of home duties and chores

Requirement 4. Family project

Requirement 5. Carry out a project that involves family participation

Requirement 6b. Plan and carry out family meeting and discuss the subject indicated.

Fingerprinting

All requirements can be taught in class.

First Aid – Eagle Required

Bring your handbook to show your counselor that you have current knowledge of all first-aid requirements for Tenderfoot, Second Class, and First Class ranks per Requirement 1.

Requirement 2d: Bring your prepared first aid kit for your home. Display and discuss its contents with your counselor.

Game Design

All requirements can be taught in class.

Geology

Complete Requirement 4b. Bring notes on process to class.

Complete Requirement 5. Bring your notes/written section / examples to class.

Insect Study

Requirement 5. Bring to class.

Requirement 10. Be prepared to discuss in class.

Requirement 13. Be prepared to discuss in class.

Inventing

Requirement 2. Be prepared to discuss in class.

Requirement 3(c). Be prepared to show and tell.

Requirement 5. Bring your work to class.

Requirement 8.

Landscape Architecture

Complete Requirement 3. Bring written section to class.

Complete Requirement 5. Bring written section to class.

Law

Review People vs McGrew (document will be emailed to you)

Medicine

Complete Requirements 1-7, 10. Bring your notes/report/proof to class.

Please note: for Dr.'s office visit, bring school admit form, letterhead or written prescription as proof.

Personal Management - Eagle Required

Requirement 1(a). Be prepared to discuss in class.

Requirement 1(b). Bring work to class. Be prepared to discuss in class.

Requirement 1(b2). Be prepared to discuss in class.

Requirement 1(b3). Bring note from adult as proof.

Requirement 1(c). Bring notes to class.

Requirement 1(c1). Bring notes to class.

Requirement 1(c2). Bring notes to class.

Requirement 8(a). Bring work to class.

Requirement 8(b). Bring work to class.

Requirement 8(c). Bring work to class.

Requirement 10(a). Be prepared to discuss in class.

Requirement 10(b). Bring notes to class. Be prepared to discuss in class.

Photography

Bring your own digital camera.

Requirement 1b. Bring your Cyber Chip to class.

Plant Science

Requirement 5. Bring a signed note from an adult that you have grown a plant by one of the following methods:
seed, roots, cuttings, tubers, and/or grafting.

Requirement 6. Be prepared to discuss.

Requirement 7. Write a paragraph about a career in one of the following fields that interests you. Agronomy, horticulture, and/or botany.

Requirement 8. Choose one of the following options in Agronomy, Horticulture or Field Botany and complete.
Bring notes and photos to show the counselor.

Programming

Requirement 1. Bring your Cyber Chip to class.

Requirement 2. Bring your notes to class and be prepared to discuss.

Requirement 3. Bring your notes to class and be prepared to discuss.

Robotics (Additional \$50 fee)

Complete Requirement 2. Bring your written section to class.

Complete Requirement 3. Bring your written section to class.

Complete Requirement 6. Bring your written section to class.

Complete Requirement 7. Bring your written section to class.

Scouting Heritage

Complete Requirement 4. Bring journal (a) or report (b) to class.

Complete Requirement 6. Bring collection to class.

Complete Requirement 8. Bring interview notes to class.

Space Exploration (additional \$10 fee)

Requirement 2: Design a collector's card, with a picture on the front and information on the back, about your favorite space pioneer. Share your card and discuss four other space pioneers with your counselor.

Requirement 5: Be prepared to discuss or present.

Requirement 8: Be prepared to discuss.

Stamp Collecting

Requirement 7: Select 2 of the options and bring to class.

Surveying

Requirement 6: Get a copy of the deed to your property or a piece of property assigned by your counselor from the local courthouse or title agency.

Sustainability – Eagle Required

1. Have a family meeting, and ask family members to write down what they think sustainability means. Be sure to take notes. You will need this information again for requirement 5.
2. Water A.
 1. Develop and implement a plan that attempts to reduce your family's water usage;
 2. As a family discuss water usage. To aid in your discussion, if past water bills are available, you may choose to examine a few.
 3. As a family, choose three ways to help reduce consumption.
 4. Implement those ideas for **one month**.
 5. Share what you learn with your counselor, and tell how your plan affected your family's water usage.
2. Food A.
 1. Develop and implement a plan that attempts to reduce your household food waste.
 2. Establish a baseline and then track and record your results for **two weeks**.
 3. Report your results to your family and counselor.
2. Energy B.
 1. Develop and implement a plan that attempts to reduce consumption for one of your family's household utilities.
 2. Examine your family's bills for that utility for three months (past or current)
 3. As a family, choose three ways to help reduce consumption and be a better steward of this resource.
 4. Implement those ideas for **one month**.

Or

2. Energy C.
 1. Evaluate your family's fuel and transportation usage
 2. Review your family's transportation-related bills (gasoline, diesel, electric, public transportation, etc.) reflecting usage for three months (past or current).
 3. As a family choose three ways to help reduce consumption and be a better steward of this resource.
 4. Implement those ideas for **one month**.
 5. Share what you learned with your counselor, and tell how your plan affected your family's transportation habits.
 2. Stuff A.
 1. Keep a log of stuff your family purchases (excluding food items) for two weeks. In your log, categorize each purchase as an essential need (such as soap) or desirable want (such as a DVD). Use the bank log form at the end.
 2. Share what you learn with your counselor.
- 4 Explore two of the categories. Have a discussion with your family about the two you select. In your discussion, include your observations, and best and worst practices. Share what you learn with your counselor.
- Plastic waste. Discuss the impact plastic waste has on the environment (land, water, air)

1. Electronic waste. Choose three electronic devices in your household. Find out the average lifespan of each, what happens to these devices once they pass their useful life, and whether they can be recycled in whole or part.
2. Food waste. Learn about the value of composting and how to start a compost pile.
3. START a compost pile appropriate for your living situation.
4. Species decline. Explain the term species (plant or animal) decline. Discuss the human activities that contribute to species decline, what can be done to help reverse the decline and its impact on sustainable environment.
5. World Population. Learn how the world's population affects the sustainability of Earth. Discuss three human activities that may contribute to putting Earth at risk, now and in the future.
6. Climate Change. Find a world map that shows the pattern of temperature change for a period of 100 years. Share this map with your counselor, and discuss three factors that scientists believe affect the global weather and temperature.

5. a. After completing requirements 1 through 4, have a family meeting.

Discuss what your family has learned about what it means to be a sustainable citizen.

Talk about the behavioral changes and life choices your family can make to live more sustainably. Share what you learn with your counselor

Veterinary Medicine

Requirement 6: Bring documentation that you completed one of the options listed.

Weather

Complete Requirement 2. Bring your written assignment to class.

Complete Requirement 6. Bring your diagram to class.

Complete Requirement 9a. Bring your instrument and written log to class.

Complete Requirement 10. Bring your written assignment to class.

Complete Requirement 11. Bring your written assignment to class.