



SCOUT INFORMATION

WHAT: Join us for the **STEAM Ahead** weekend at Camp Hinds. Scouts will have the opportunity to earn two **STEAM** related merit badges, spend a night over in the Training Center, enjoy three delicious family style meals, meet new friends and have fun!

WHO: This program is open to all registered Scouts in Pine Tree Council who are 13 years old **OR** at least First Class Scout. You don't need to come with your troop or patrol - camp provides adult leaders and merit badge counselors. Come alone or with a buddy.

WHERE: The program will be held in the Rotary Training Center at Camp Hinds. The training Center is the large white farmhouse on Plains Road across from the entrance to Camp Hinds.

WHEN: Two sessions will be held.

Session 1 Friday Overnight. Friday, March 28th 6:30 PM to Saturday, March 29th 7:00 PM

Session 2 Saturday Overnight. Saturday, March 29th 8:00 AM to Sunday, March 30th 9:30 AM

A Scout can register for Session 1 OR Session 2, but NOT both.

To sign-up for the program and select your merit badges go to:

<https://www.scoutingevent.com/218-2025STEAMweekend>

Cost for Scouts:

\$45.00/session (Includes: program supplies, two merit badges, three meals, and one overnight)

Merit Badge Options:

Whether you register for session 1 or session 2, the merit badge options are the same. Pick two merit badges, one for each period.

Period 1 Select one	Period 2 Select one
Animation MB – Dean Zaharis Astronomy MB - James Shields Automotive Maintenance MB – Gary Moore Photography MB Joseph Maranda Sustainability MB - Wayne Holden	Aviation MB – Lisa Judd Geocaching MB - Bruce Rueger Personal Management MB – Dan Petersen Pulp and Paper MB - Beth Cormier and Chris Francis Space Exploration MB - Shelley Connolly

Merit Badge Prerequisites:

Most merit badges have pre-requisites which you must complete before coming to camp or you will get a partial. Please refer to the prerequisites at the end of this flyer and not any listed in Black Pug (24Scouting.com)

Schedule of the weekend

Friday	Friday Overnight Group	Ver 2
6:30 PM	Arrival-in & Check	
7:00 PM	Settle in	
7:30 PM	Patrol Meetings & Welcome	
8:00 PM	Merit Badge #1 8:00-9:45 (1.75 hrs)	
9:45 PM	Get ready for bed	
10:00 PM	Taps / Lights out	
	Friday Overnight Group	Saturday Overnight Group
Saturday		
6:45 AM	Rise and Shine	
7:00 AM	Breakfast	
7:45 AM	Pack-up & Clean Lofts	
8:00 AM		Arrival-in & Check
8:15 AM	Merit Badge #1 8:15-9:30 (1.25 hr)	Settle in
8:30 AM		Patrol Meetings & Welcome
9:00 AM		
9:30 AM	Merit Badge #2 9:30 - 11:30 (2 hr)	Merit Badge #2 9:30 - 11:30 (2 hr)
11:30 AM	Break & Lunch Prep	Break & Lunch Prep
11:45 PM	Lunch	Lunch
12:30 PM	Merit Badge #2 12:30 - 2:30 (2 hr)	Merit Badge #2 12:30 - 2:30 (2 hr)
2:30 PM	Break	Break
2:45 PM	Merit Badge #1 2:45 - 4:45 (2hrs)	Merit Badge #1 2:45 - 4:45 (2hrs)
4:45 PM	Break & Dinner Prep	Break & Dinner Prep
5:00 PM	Dinner	Dinner
6:00 PM	Merit Badge #2 6:00 - 7:00 (1 hr)	Merit Badge #2 6:00 - 7:00 (1 hr)
7:00 PM	Depart for Home	Settle in
7:30 PM		
8:00 PM		Merit Badge #1 8:00 - 9:45 (1.75 hrs)
9:45 PM		Get ready for bed
10:00 PM		Taps / Lights out
Sunday		Saturday Overnight Group
6:45 AM		Rise and Shine
7:00 AM		Breakfast
7:45 AM		Pack-up & Clean Lofts
8:15 AM		Merit Badge #1 8:15 - 9:30 (1.25 hrs)
9:30 AM		Depart for Home

Scout Arrival & Departure

Session 1

Arrival: 6:30 PM Friday, March 28, 2025 (Eat Dinner before arriving)

Departure: 7:00 PM Saturday, March 29, 2025

Session 2

Arrival: 8:00 AM Saturday, March 29, 2025 (Eat Breakfast before arriving)

Departure: 9:30 AM Sunday, March 30, 2025

Meals

Lunch, Dinner, and Breakfast will be provided for all participants. Sample menus below:

	Session 1 – Friday Overnight	Session 2 – Saturday Overnight
Breakfast	Pancakes w/ syrup & butter Sausage Cold Cereal Fruit Juices / Milk / Hot Cocoa	
Lunch	Grilled ham & cheese sandwiches Tomato soup Celery & Carrot Sticks w/ ranch dressing Cookies milk/bug juice/water	Grilled ham & cheese sandwiches Tomato soup Celery & Carrot Sticks w/ ranch dressing Cookies milk/bug juice/water
Dinner	Spaghetti w/ meat sauce & Parmesan cheese Tossed salad Garlic Bread Apple Crisp w/ topping milk/bug juice/water	Spaghetti w/ meat sauce & Parmesan cheese Tossed salad Garlic Bread Apple Crisp w/ topping milk/bug juice/water
Breakfast		Pancakes w/ syrup & butter Sausage Cold Cereal Fruit Juices / Milk / Hot Cocoa

What to Pack

Please pack light, this is only one night! Plan on showering at home. On Friday evening the Friday overnight Scouts will be assigned to a patrol and a bunk. On Saturday morning, the Friday overnight group will need to pack-up their gear so that it only takes up half the bunk. When the Saturday group arrives, they will be assigned to a patrol and a bunk and they will store their gear on the other half of the bunk.

Some things to bring include:

- Copy of your health form and any prescription medications
- Wear your Class A uniform (if available)
- Change of clothes
- Inside shoes, sneakers or slippers (outside boots may not be worn inside)
- Flashlight & water bottle
- Toiletries – soap, comb, hand towel, face cloth, deodorant, toothbrush and toothpaste
- Pillow, sleeping bag and extra blanket as needed. Sleeping bags tend to be cold at night.
- Merit Badge Prerequisites, materials, pamphlets, and workbooks as needed.

Leave these at home unless required for your merit badges:

- Footlockers – They do not fit under the bunks. Pack your gear in a duffel bag, suitcase or backpack.
- Video games, radios, CD Players, iPods, iPads, cell phones or other electronic equipment
- Other valuables

Medical Forms

Since this program involves an overnight, you will need to bring a copy of a completed BSA Health and Medical form which includes Part A (Informed Consent, Release Agreement, and Authorization) and Part B (General Information/Health History). These require signatures of the Scout and signature of the Parent/Guardian. A doctor's signature is NOT needed. Blank forms can be downloaded from the registration page.

MERIT BADGE PREREQUISITES:

It is important that you complete the prerequisites listed below before camp or you will receive a partial.

Animation MB

- 1 - Limited to 10 Scouts
- 2 - If you have a cell phone or tablet, bring it and download the app “Stop Motion Studio”.
- 3 - Download and print the Animation Merit Badge Workbook – <http://usscouts.org/mb/worksheets/Animation.pdf>
- 4 - Complete Requirement 5: Careers. Learn about three career opportunities in animation. Pick one and find out about the education, training, and experience required for this profession. Discuss your findings with your counselor. Explain why this profession might interest you.
- 5 - Record your finding from requirement 5 in the Animation Workbook.
- 6 - If you have Lego people, please bring them.

Astronomy MB

- 1 - Download and print the merit badge workbook. <http://usscouts.org/mb/worksheets/astronomy.pdf>
- 2 - Please complete as much as the merit badge workbook as possible with the exception of 4 and 8b.
- 3 - Bring the workbook. It is a great source.
- 4 - Bring a notebook and a pen.
- 5 - Dress for cold weather. Bring a hat, gloves, very warm socks, warm jacket, scarf, etc. It is very easy to get cold while doing astronomy. We will be standing in one place most of the time.
- 6 - Download the “Astronomy Handout” from the registration page – it has important additional information.

Automotive Maintenance MB

- 1 - Bring paper and pencil/pen.
- 2 - Bring clothing that can get dirty while you are working in, around, and under a car.
- 3 - Bring the owner’s manual to a family car with a plastic bag to put it in for protection.
- 4 - Bring a copy (NOT the original) of the car’s current registration certificate.

Aviation MB

- 1 - Bring paper and pen
- 2 - Choose an aircraft of interest and do research to find out how it controls movement up/down/turning.
- 3 - Do the following two requirements. They must be completed and presented in either written or oral fashion.
 - 1(g) Identify and describe the aerodynamic control surfaces on the aircraft of your choice, and explain how they operate to control its attitude and direction of flight.
 - 5(d) Identify an Exploring Post and/or Civil Air Patrol facility in your area. Learn about their activities and membership requirements.

Geocaching MB

- 1 - Download and print the merit badge workbook. <http://usscouts.org/mb/worksheets/geocaching.pdf>
- 2 - Read all of the workbook prior to arrival.
- 3 - Complete Requirement 3 and 7 on the workbook.
- 4 - Notebook, paper and pens would be helpful.
- 5 - Have clothing appropriate to going out for a hike in March.
- 6 - If you have a cell phone with the geocaching app installed on it would be helpful.

Personal Management MB

- 1 - This merit badge will require work prior to camp and after camp to complete the badge.
- 2 - Download and print the merit badge workbook. <http://usscouts.org/mb/worksheets/personal-management.pdf>
- 3 - Bring your copy of the workbook and pen/pencil to take notes.
- 4 - Read through and familiarize yourself with all the requirements
- 5 - Complete requirements 1, 9, & 10, prior to coming to camp.
- 6 - You will need to complete requirements 2 & 8 after camp.

Photography MB

- 1 - Review the requirements and come ready to discuss all of them.
- 2 - Notebook and pen/pencil are always useful.
- 3 - Bring a digital camera and a way to edit and work with your photos. A modern cellphone works well for this. Otherwise, you will need a camera and a laptop.
- 4 - complete the following 2 requirements before the start of camp:
 - 1.(b) View the Personal Safety Awareness "Digital Safety" video available at <https://www.scouting.org/training/youth/scouts-bsa/> (with your parent or guardian's permission). Documentation for 1(b) should be in your Scout Book (signed off by your scoutmaster) or bring a note from your parent or guardian.
8. Identify three career opportunities in photography. Pick one and be prepared to explain how to prepare for such a career and discuss what education and training are required, and why this profession might interest you. Bring anything you need to be able to remember, explain, and discuss your options for the requirement.

Pulp and Paper MB

- 1 - Obtain a copy of the merit badge book. It is recommended that you read it before camp.
- 2 - Download and print the Pulp and Paper Workbook. <http://usscouts.org/mb/worksheets/pulp-and-paper.pdf>
- 3 - Pulp and paper MB can be done without prerequisite, but it's easier if these are done:
- 4 - Complete in workbook Requirement #6: Make a list of 15 pulp or paper products found in your home. Share examples of 10 such products with your counselor.
- 5 - Complete in workbook Requirement #7: If you have an opportunity to visit a mill or factory prior to camp, that would be great. Be prepared to share your visit with the group. Otherwise you will do requirement 7e: Using books, magazines, your local library, the Internet (with your parent's permission), and any other suitable research tool, find out how paper products are developed. Find out what role research and development play in the papermaking industry. Share what you learn with your counselor.
- 6 - Bring pen, paper, and the workbook.

Space Exploration MB

- 1 –You are encouraged to bring the Space Exploration Merit Badge Pamphlet and/or Workbook if you have them and find them useful/helpful. <http://usscouts.org/mb/worksheets/Space-exploration.pdf>
- 2 – Read through all of the requirements
- 3 – Bring any work you completed independently.
- 4 - Complete and bring requirement #7
 7. Design an inhabited base located within our solar system, such as Titan, asteroids, or other locations that humans might want to explore in person. Make drawings or a model of your base. In your design, consider and plan for the following: (a) Source of energy, (b) How it will be constructed, (c) Life-support system, (d) Purpose and function.

Sustainability MB

- 1 - Read the 2024 updated requirements of the merit badge.
- 2 – Where a requirement has multiple options, decide which one(s) you wish to do and be prepared to share that with your counselor when he contacts you.
- 3 – Download and print the 2024 merit badge workbook. <http://usscouts.org/mb/worksheets/Sustainability.pdf>
- 4 - Bring drawing paper for outlines and graphs, pens, pencils, colored pencils, rulers, and definitely a notebook with all your information. Be sure to have your name on it!

