

2019 COI Class Catalog

Event Contacts

Name	Title	Phone	Email
Josh Hipps	Council Program Director	864.420.5342	Joshua.Hipps@scouting.org
Traci Bridwell	Program Registrar Support	864.372.3823	traci.bridwell@scouting.org

Registration opens July 17, 2018
Visit www.scoutingevent.com/551-CampOldIndian2019 to register







2019 COI: Week 1 at Camp Old Indian

COI Programs (Scheduled Classes)

CP105 9-5 PM



Advanced Firebuilding

Ben Rosenberger Days: Fr Scouts taking this class will take what they have previous learned about fire building and take it to a whole new level. The "upside-down" fire method, tips on how to build a fire in poor circumstances, as well creative competitions are only a fraction of what Scouts can expect from this dynamic course.

CP107 9-5 PM



Adventure Trek

Ben Rosenberger Days: Tu We This intensive two day program is geared to challenge Scout's back-country skills in a new and exciting way. The group will plan, pack for, and carry out a 5-10 mile overnight backpacking trip that will take place throughout the numerous mountain trails that surround Camp Old Indian. Leadership development and team building is a major focus of this trek experience.

Additional Fee: \$20.00

Minimum number of participants: 8
Maximum number of participants: 16

CP114 7-9 PM

Days: Mo



Cyber Chip

Today's youth are spending more time than ever using digital media for education, research, socializing, and fun. To help families and volunteers keep youth safe while online, the Boy Scouts of America introduces the Cyber Chip. In developing this exciting new tool, the BSA teamed up with content expert NetSmartz, part of the National Center for Missing and Exploited Children and training expert for many law

enforcement agencies.

CP100 9-12 PM





Learn to Swim

This session is for Non-Swimmers and Beginners. The class focuses on the development of fundamental swimming skills in a fun group setting. Scouts will work towards completing rank advancement including passing the Beginner's Test for Second Class, the Swimmer's Test for First Class, and the rescue methods.

Minimum number of participants: 1
Maximum number of participants: 25

CP102 9-5 PM Civil Development & STEAM Department Area

Civil Development &

STEAM Department Area

9-5 PM



NOVA Award Whoosh!(Engineering)

Whoosh!

Minimum number of participants: 1

Maximum number of participants: 25

Days: Mo

CP103



NOVA Award-Designed to Crunch(Math)

Crunch

Minimum number of participants: 1 Maximum number of participants: 25

Days: Th





2019 COI: Week 1 at Camp Old Indian

CP110 5:01-4:01 PM

Lawrence Coleman Days: Th Fr



OA Ordeal Candidates

Thursday evening through Friday. Participants who plan to take Ordeal during their week of summer camp. All Elections must be turned in by May 15, 2018 http://blueridgecouncil.org/brcn/resources/site1/General/Website/Lodge%20Master% 20Ordeal%20Import%20Fields.pdf

Additional Fee: \$40.00

http://blueridgecouncil.org/brcn/resources/site1/General/Website/Lodge%20Master% 20Ordeal%20Import%20Fields.pdf

Prerequisites: Elected to Order of Arrow. Ordeal Candidates Only

Clink on the attached link. Email David Hollar each participants information form. All

Elections must be turned in by May 15, 2018

NOTE: All candidates must be enrolled by May 15, 2018 Starts Thursday 5:00 PM through Friday 4:00 PM Form Attached must be sent to David Hollar

9-5 PM **CP104**

Michael Kirby Days: Mo Tu We



Pathfinder

Boy Scout Scout rank advancement

Boy Scout Tenderfoot rank advancement

Boy Scout Second Class rank advancement

Boy Scout First Class rank advancement Minimum number of participants: 1

NOTE: Wed. 1/2 day.

CP108 7-10 PM



Paul Bunyan Woodsman Award

During this half-day course, Scouts will learn advanced ax and saw skills.

Prerequisites: Totin' Chip

Days: Mo

7-10 PM **CP108**



Paul Bunyan Woodsman Award

During this half-day course, Scouts will learn advanced ax and saw skills.

Prerequisites: Totin' Chip

Days: Fr

CP109 9-12 PM



Scoutmaster Shoot

Jeremey Baker

Days: We

Prerequisites: Leaders Only

CP101 9-5 PM



Jeremey Baker

Days: Th

Sharpshooters

Sharpshooters is a class of Scouts who have previously earned both Rifle and Shotgun Shooting merit badges. Sharpshooters is NOT a merit badge, but rather a class where participants will learn advanced ways of shooting. A program fee of \$30 is required.

Additional Fee: \$40.00

Minimum number of participants: 1 Maximum number of participants: 25

Prerequisites: Rifle and Shotgun Shooting merit badges.

CP111 9-5 PM

Days: Mo Tu



Wilderness First Aid Course

The best and most comprehensive course of its kind to offer relevant and realistic firstaid training for seasonal outdoor activities or short term wilderness endeavors and

Additional Fee: \$60.00 Minimum Age: 18



2019 COI: Week 1 at Camp Old Indian

Prerequisites: Adult Training must be 18 or older **NOTE: Must be 18 or older**

CP112 9-5 PM

Days: Mo Tu

Wilderness First Aid PLUS CPR

The best and most comprehensive course of its kind to offer relevant and realistic firstaid training for seasonal outdoor activities or short term wilderness endeavors and

pursuits. PLUS CPR Additional Fee: \$80.00 Maximum Age: 18

Prerequisites: Adult training must be 18 years or older

NOTE: Must be 18 or Older





2019 COI: Week 1 at Camp Old Indian

COI BSA Programs (Scheduled Classes)

CBP101 9-9 PM

1st Lake James Pitts

Days: Mo Tu We Th Fr



BSA Lifeguard

To be trained as a BSA Lifeguard, you must successfully complete the course as outlined in the BSA Lifeguard Instructor Manual and demonstrate the ability to perform each item specified in the following requirements:

Additional Fee: \$25.00 Minimum Age: 15

Minimum number of participants: 1

Maximum number of participants: 25

NOTE: To enroll in the BSA Lifeguard course you must be at least 14 years of age or have completed the eighth grade. consist of a minimum of 50 yards of elementary backstroke; 50 yards of breaststroke; 50 yards of front crawl or

trudgen; and 50 yards of sidestroke.

CBP100 9-12 PM

1st Lake Alex Jones Days: Mo



BSA Stand Up Paddleboarding

Stand Up Paddleboarding **Additional Fee:** \$10.00

Minimum number of participants: 1
Maximum number of participants: 10

CBP100 9-12 PM

1st Lake Benji Maguire Days: We



BSA Stand Up Paddleboarding

Stand Up Paddleboarding **Additional Fee:** \$10.00

Minimum number of participants: 1

Maximum number of participants: 13

CBP105 7-10 PM

Michael Kirby Days: Tu



Firem'n Chit

This certification grants a Scout the right to carry matches and build campfires. The Scout must show his Scout leader, or someone designated by his leader, that he understands his responsibility to do the following:

Minimum number of participants: 1
Maximum number of participants: 25

CBP103 9-12 PM

Alex Jones Days: We



Kayaking, Kayaking BSA

A basic-level merit badge for flat-water kayaking - whitewater kayaking will still fall under Whitewater merit badge.

Kayaking BSA

Minimum number of participants: 1 Maximum number of participants: 15

CBP102 9-12 PM

1st Lake

William McCauley

Days: We



Snorkeling BSA Snorkeling BSA





2019 COI: Week 1 at Camp Old Indian

CBP102 2-5 PM

1st Lake Alex Jones Days: Th



Snorkeling BSA Snorkeling BSA

Minimum number of participants: 1 Maximum number of participants: 10

CBP104 7-10 PM

Michael Kirby Days: Mo



Totin' Chip

This certification grants a Scout the right to carry and use woods tools. The Scout must show his Scout leader, or someone designated by his leader, that he understands his responsibility to do the following





2019 COI: Week 1 at Camp Old Indian

COI Merit Badges (Scheduled Classes)

CMB164 7-10 PM

Joshua Kirchner Days: Th



American Cultures

The United States is a nation of immigrants. Every person came to America from somewhere else - or their ancestors did - and understanding these various cultural backgrounds can help Scouts to live in harmony with others in our varied and increasingly multicultural society.

Minimum number of participants: 1
Maximum number of participants: 25

CMB154 9-12 PM Civil Development & STEAM Department Area Andrew Dill

Days: We



Animation

Computer or traditional animation tasks that will test a Scout's creativity, artistic skills, and storytelling abilities.

Additional Fee: \$15.00

Minimum number of participants: 1
Maximum number of participants: 25

CMB112 9-12 PM

James Christian Days: Fr



Archaeology

Archaeologists are detectives who study how people lived in the past. They figure out what happened, when, how, and why. Using the clues that people left behind, they try to understand how and why human culture has changed through time.

CMB129 9-5 PM

Jeremey Baker Days: Tu



Archery

Archery is a fun way for Scouts to exercise minds as well as bodies, developing a steady hand, a good eye, and a disciplined mind. This merit badge can provide a thorough introduction to those who are new to the bow and arrow - but even for the experienced archer, earning the badge can help to increase the understanding and appreciation of archery.

Minimum number of participants: 1
Maximum number of participants: 15

CMB129 9-5 PM

Jeremey Baker Days: Th



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2019 COI: Week 1 at Camp Old Indian

CMB137 9-5 PM Handicraft Shelter Betsy Sutcliff

Days: Tu



Art & Sculpture

This merit badge concentrates on two-dimensional art, specifically drawing and painting in various media, including an introduction to design applications in the fields of graphic arts and industrial design, history and design principles, and how these fields relate to fine art

This merit badge introduces Scouts to sculpture, an art form that allows an artist to express what he sees and feels by using these three dimensions by shaping materials such as clay, stone, metal, and wood.

Additional Fee: \$15.00

Minimum number of participants: 1

Maximum number of participants: 25

CMB137 9-5 PM Small Shelter Next to Handicraft Betsy Sutcliff Days: Th



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Additional Fee: \$15.00

Minimum number of participants: 1
Maximum number of participants: 25

CMB114 9-8 PM





Astronomy

In learning about astronomy, Scouts study how activities in space affect our own planet and bear witness to the wonders of the night sky: the nebulae, or giant clouds of gas and dust where new stars are born; old stars dying and exploding; meteor showers and shooting stars; the moon, planets, and a dazzling array of stars.

Minimum number of participants: 1
Maximum number of participants: 25

CMB180 9-5 PM





Athletics, Sports

Being involved in an athletic endeavor is not only a way to have fun, but it also is one of the best ways for a person to maintain a healthy and strong body, living up to the promise each Scout makes "to keep myself physically strong.

Millions of people participate in sports every year. For some the appeal is the close friendships that come with being part of a team. Some revel in the joy of victory and lessons of defeat. For some, the personal fitness is so important that exercise becomes a daily need. And still others desire the feeling of achievement, that feeling of measurable improvement that comes with dedication to a sport.

CMB151 9-5 PM Civil Development & STEAM Department Area Bradley Hawkins Days: Tu



Automotive Maintenance

Modern automobiles are important to many aspects of American life. Those who service automobiles must understand each principle, and how these principles interact to provide smooth, efficient performance. Owners of cars also benefit by understanding how their vehicles operate. This enables them to understand why certain periodic maintenance is required to keep their vehicles in tip-top shape.



2019 COI: Week 1 at Camp Old Indian

CMB175 9-12 PM

Benji Maguire Days: We



Aviation

For most of history, people have dreamed of flying, imagining how it would feel to soar through the sky like an eagle or hover in midair like a hummingbird, to float on unseen currents, free of Earth's constant tug, able to travel great distances and to rise above any obstacle. Today, through aviation, we can not only join the birds but also fly farther, faster, and higher than they ever could.

Additional Fee: \$10.00

CMB139 9-12 PM Lower Meadow

Betsy Sutcliff Days: We



Basketry

Basketry is a handy skill for a Scout. A basket can be a sturdy companion on campouts, carrying clothes snugly and efficiently, holding potatoes and corn for roasting over a campfire, or carrying the day's fishing catch back to camp for dinner. Baskets and basket-weaving projects also make great gifts for family and friends.

Additional Fee: \$15.00

Minimum number of participants: 1 Maximum number of participants: 25

CMB115 9-12 PM

Noah Schmidt Days: Mo



Bird Study

Birds are among the most fascinating creatures on Earth. Many are beautifully colored. Others are accomplished singers. Many of the most important discoveries about birds and how they live have been made by amateur birders. In pursuing this hobby, a Scout might someday make a valuable contribution to our understanding of the natural world.

Minimum number of participants: 1 Maximum number of participants: 25

CMB142 9-5 PM

Days: Th



Camping, Backpacking & Hiking

Camping is one of the best-known methods of the Scouting movement. When he founded the Scouting movement in the early 1900s, Robert Baden-Powell encouraged every Scout to learn the art of living out-of-doors. He believed a young person able to take care of himself while camping would have the confidence to meet life's other challenges, too.

Earning the Backpacking merit badge will be demanding but rewarding. Scouts will learn what equipment to carry on their backs and what knowledge to have in their heads. In addition, Scouts will discover how to protect the environment by traveling and camping without leaving a trace. By mastering the basics of backpacking, Scouts will develop an even deeper respect for the outdoors.

Hiking is a terrific way to keep your body and mind in top shape, both now and for a lifetime. Walking packs power into your legs and makes your heart and lungs healthy and strong. Exploring the outdoors challenges you with discoveries and new ideas. Your senses will improve as you use your eyes and ears to gather information along the way.

CMB142 9-5 PM

Days: Fr



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CMB101 9-5 PM

2nd Lake Evan Francis Days: Mo



Canoeing

For several centuries, the canoe was a primary method of travel for explorers and settlers. Today, it remains an important part of the wilderness experience and an enjoyable leisure activity that teaches communication, teamwork, and physical fitness.

Minimum number of participants: 1

Maximum number of participants: 25

CMB101 9-5 PM

2nd Lake Edward Ratliff Days: Fr



Canoeing

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Minimum number of participants: 1
Maximum number of participants: 25

CMB153 9-5 PM Civil Development & STEAM Department Area Brandon Williams

Days: Fr



Chemistry

Chemistry explores how substances react with each other, how they change, how certain forces connect molecules, and how molecules are made are all parts of chemistry. Stretch your imagination to envision molecules that cannot be seen - but can be proven to exist - and you become a chemist.

Additional Fee: \$15.00

Minimum number of participants: 1
Maximum number of participants: 25

CMB162 7-9 PM

Zach Pynne Days: Tu Th



Chess

Chess builds critical thinking, forward thinking, and proper sportsmanship in young people.

CMB176 7-10 PM

Carson Bridges Days: Tu



Citizenship in the Community

A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless of how local communities differ, they all have one point in common: In the United States, local government means self-government. Good citizens help to make decisions about their community through their elected local officials.

CMB176 7-10 PM

Carson Bridges Days: Th



Citizenship in the Community

A nation is a patchwork of communities that differ from each other and may be governed differently. But regardless of how local communities differ, they all have one point in common: In the United States, local government means self-government. Good citizens help to make decisions about their community through their elected local officials.





2019 COI: Week 1 at Camp Old Indian

CMB108 9-5 PM Civil Development & STEAM Department Area James Christian





Citizenship in the Nation & American Heritage

As Scouts fulfill the requirements for this merit badge, they will learn how to become active citizens are aware of and grateful for their liberties and rights, to participate in their governments and protect their freedom, helping to defend their country and standing up for individual rights on behalf of all its citizens.

Every Scout swears to an oath that includes duty to his country. A better understanding of American heritage, the ways in which the past has lead to our present nation, is key to truly knowing what it means to be an American.

Minimum number of participants: 1

Maximum number of participants: 25

CMB108 9-5 PM Civil Development & STEAM Department Area Joshua Kirchner Days: Fr



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Minimum number of participants: 1 Maximum number of participants: 25

CMB105 9-5 PM Civil Development & STEAM Department Area Alejandro Aleyo Days: Mo



Citizenship in the World

Scouts who earn the Citizenship in the World merit badge will discover that they are already citizens of the world. How good a world citizen each person is depends on his willingness to understand and appreciate the values, traditions, and concerns of people in other countries.

Minimum number of participants: 1
Maximum number of participants: 25

CMB105 9-5 PM Civil Development & STEAM Department Area Zach Pynne Days: Th



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Minimum number of participants: 1
Maximum number of participants: 25

CMR159 9-12 PM

Jackson Potter Days: Fr



Climbing

Climbing is not a sport that requires tremendous muscular strength; it demands mental toughness and the willingness to practice hard to master a set of skills. The adventure of climbing can also provide a new way to enjoy the outdoors.

Additional Fee: \$15.00

Minimum number of participants: 2
Maximum number of participants: 10

CMB159 2-5 PM

Jackson Potter Days: Fr



Climbina

Climbing is not a sport that requires tremendous muscular strength; it demands mental toughness and the willingness to practice hard to master a set of skills. The adventure of climbing can also provide a new way to enjoy the outdoors.

Additional Fee: \$15.00





2019 COI: Week 1 at Camp Old Indian

CMB148 9-5 PM Civil Development & STEAM Department Area

Days: Mo

Maximum number of participants: 10

Communication & Public Speaking

Minimum number of participants: 2

This clear and concise definition comes from the U.S. Department of Education: "Communication focuses on how people use messages to generate meanings within and across various contexts, cultures, channels, and media. The field of communication promotes the effective and ethical practice of human communication."

A lot happens during the course of every person's life and your ability to communicate your feelings and ideas is the best way to connect to the larger world. Even if you haven't stood at a podium on the stage and find the whole idea scary, sooner or later, someone is going to ask you to get up and say a few words. If you are prepared, it won't be scary. It can even be fun.

Minimum number of participants: 1 Maximum number of participants: 18

CMB148 9-5 PM Civil Development & STEAM Department Area

Days: Th



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Minimum number of participants: 1 Maximum number of participants: 18

CMB145 9-8 PM Scoutcraft Shelter

Days: Mo



Cooking

The Cooking merit badge introduces principles of cooking that can be used both at home or in the outdoors. Scouts who earn this badge will learn about food safety, nutritional guidelines, meal planning, and methods of food preparation, and will review the variety of culinary (or cooking) careers available.

Additional Fee: \$10.00

Minimum number of participants: 1 Maximum number of participants: 25

NOTE: Scouts SHOULD NOT register for any other merit badge on for the Twilight period of this course offering. This class requires the AM, PM, and twilight periods of that day.

CMB145 9-8 PM Scoutcraft Shelter

Days: Th



Cooking

The Cooking merit badge introduces principles of cooking that can be used both at home or in the outdoors. Scouts who earn this badge will learn about food safety, nutritional guidelines, meal planning, and methods of food preparation, and will review the variety of culinary (or cooking) careers available.

Additional Fee: \$10.00

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2019 COI: Week 1 at Camp Old Indian

CMB145 9-8 PM Scoutcraft Shelter

Days: Fr



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Additional Fee: \$10.00

Minimum number of participants: 1
Maximum number of participants: 25

NOTE: Scouts SHOULD NOT register for any other merit badge on for the Twilight period of this course offering. This class requires the AM, PM, and

twilight periods of that day.

CMB179 9-12 PM

Zach Pynne Days: Tu



Disabilities Awareness

Look around at the Scouts in your unit, the members of your sports teams, and the kids in your class - you will see that each person has their own personalities, distinct interests and ideas, different physical features, and different strengths and needs.

CMB132 9-5 PM First Aid Porch

Days: Mo



Emergency Preparedness

Scouts are often called upon to help because they know first aid and they know about the discipline and planning needed to react to an emergency situation. Earning this merit badge helps a Scout to be prepared by learning the actions that can be helpful and needed before, during, and after an emergency.

Minimum number of participants: 1
Maximum number of participants: 25

CMB132 9-5 PM First Aid Porch

Days: Fr



Emergency Preparedness

Scouts are often called upon to help because they know first aid and they know about the discipline and planning needed to react to an emergency situation. Earning this merit badge helps a Scout to be prepared by learning the actions that can be helpful and needed before, during, and after an emergency.

Minimum number of participants: 1
Maximum number of participants: 25

CMB117 9-12 PM

Carson Bridges Days: We



Enerav

Saving, producing, and using energy wisely will be critical to America's future. If we are to leave future generations with a world in which they can live as well or better than we have, SCouts and other potential leaders of tomorrow must begin the hard work of understanding energy and the vital role it will play in the future.

Minimum number of participants: 1
Maximum number of participants: 25

CMB152 9-5 PM Civil Development & STEAM Department Area

Days: Tu



Engineering

Engineers use both science and technology to turn ideas into reality, devising all sorts of things, ranging from a tiny, low-cost battery for your cell phone to a gigantic dam across the mighty Yangtze River in China.





2019 COI: Week 1 at Camp Old Indian

CMB106 9-5 PM Civil Development & STEAM Department Area James Christian

Days: Mo



Entrepreneurship & American Business

By earning the Entrepreneurship merit badge, Scouts will learn about identifying opportunities, creating and evaluating business ideas, and exploring the feasibility (how doable it is) of an idea for a new business. They will also have the chance to fit everything together as they start and run their own business ventures.

Earning the 'American Business merit badge can help Scouts learn practical business matters that will be useful throughout life. Learning how businesses function will help you understand society and uncover a number of career options.

Minimum number of participants: 1
Maximum number of participants: 25

CMB113 9-5 PM

Lawrence Coleman Davs: Mo



Environmental Science

While earning the Environmental Science merit badge, Scouts will get a taste of what it is like to be an environmental scientist, making observations and carrying out experiments to investigate the natural world.

Minimum number of participants: 1
Maximum number of participants: 25

CMB113 9-5 PM

Noah Schmidt Days: Th



Environmental Science

While earning the Environmental Science merit badge, Scouts will get a taste of what it is like to be an environmental scientist, making observations and carrying out experiments to investigate the natural world.

Minimum number of participants: 1

Maximum number of participants: 25

CMB187 9-5 PM



Exploration

Days: Mo

CMB168 7-10 PM Small Shelter Next to Handicraft Bradley Hawkins Days: Mo



Fingerprinting

In earning the Fingerprinting merit badge, Scouts will learn about and use an important technique that is used by law enforcement officers, along with other materials like matching dental records and DNA sampling, to help identify amnesia victims, missing persons, abducted children, and others.

Minimum number of participants: 1
Maximum number of participants: 25

CMB168 7-10 PM Small Shelter Next to Handicraft Nathan Townsend Days: Fr



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Minimum number of participants: 1
Maximum number of participants: 25

CMB181 9-12 PM



Fire Safety

The ability to use fire safely is essential to human survival. By earning this merit badge, Scouts will learn to uses fire safely and responsibly, how to prevent home fires, and how to handle fire safely, as well as burn prevention, and camping safety.





2019 COI: Week 1 at Camp Old Indian

CMB130 9-5 PM

First Aid Porch

Days: Mo



First Aid

First aid - caring for injured or ill persons until they can receive professional medical care - is an important skill for every Scout. With some knowledge of first aid, a Scout can provide immediate care and help to someone who is hurt or who becomes ill. First aid can help prevent infection and serious loss of blood. It could even save a limb or a life.

Minimum number of participants: 1
Maximum number of participants: 25

CMB130 9-5 PM

First Aid Porch

Days: Tu



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Minimum number of participants: 1
Maximum number of participants: 25

CMB130 9-5 PM

First Aid Porch

Days: Th



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Minimum number of participants: 1

Maximum number of participants: 25

CMB166 7-10 PM

Days: Tu



Fish and Wildlife Management

Wildlife management is the science and art of managing the wildlife - both animals and fish - with which we share our planet. Maintaining the proper balance and the dynamics that go with it requires humankind's attention. We use this stewardship tool to help minimize or eradicate the possibility of extinction of any given species. We want our descendants to have the opportunity to experience the same animal diversity that we now enjoy.

CMB185 9-9 PM

Days: Tu



Fishing

In Scouting for Boys, Baden-Powell offers this advice: "Every Scout ought to be able to fish in order to get food for himself. A tenderfoot [beginner] who starved on the bank of a river full of fish would look very silly, yet it might happen to one who had never learned to catch fish."

NOTE: This class is offered during Tuesday AM session, plus Tuesday Twilight.

CMB125 9-5 PM

Noah Schmidt Days: Tu



Forestry

In working through the Forestry merit badge requirements, Scouts will explore the remarkable complexity of a forest and identify many species of trees and plants and the roles they play in a forest's life cycle. They will also discover some of the resources forests provide to humans and come to understand that people have a very large part to play in sustaining the health of forests.





2019 COI: Week 1 at Camp Old Indian

CMB169 7-9 PM

James Christian Days: Tu Th



Game Design

Games also come in almost every shape, size, format, and flavor imaginable. Games can be fast-paced, slow, or anything in between. Some are competitive. Some are cooperative. They may be for individuals, small groups, or thousands of players at a time. They might take seconds to complete or last for years. However you slice it, everyone has played games, and games help make us who we are.

CMB147 9-5 PM Scoutcraft Shelter

Days: Th



Geocaching

The word geocache is a combination of "geo," which means "earth," and "cache," which means "a hiding place." Geocaching describes a hiding place on planet Earth - a hiding place you can find using a GPS unit. A GPS (Global Positioning System) unit is an electronic tool that shows you where to go based on information it gets from satellites in space.

Minimum number of participants: 1
Maximum number of participants: 25

CMB119 9-12 PM

Days: We



Geology

Geology is the study of Earth. It includes the study of materials that make up Earth, the processes that change it, and the history of how things happened, including human civilization, which depends on natural materials for existence.

Minimum number of participants: 1
Maximum number of participants: 25

CMB119 2-5 PM

Days: Mo



Geology

Geology is the study of Earth. It includes the study of materials that make up Earth, the processes that change it, and the history of how things happened, including human civilization, which depends on natural materials for existence.

Minimum number of participants: 1
Maximum number of participants: 25

CMB140 9-5 PM

Nathan Townsend Days: Th



Indian Lore

Far different from the stereotypes or common images that are portrayed on film, on television, and in many books and stories, American Indians have many different cultures, languages, religions, styles of dress, and ways of life. To learn about these different groups is to take an exciting journey of discovery in which you will meet some of America's most fascinating peoples.

Additional Fee: \$10.00

Minimum number of participants: 1
Maximum number of participants: 25

CMB121 9-12 PM

Hayden Lines Days: We



Insect Study

In earning the Insect Study merit badge, Scouts will glance into the strange and fascinating world of the insect. There, they will meet tiny creatures with tremendous strength and speed, see insects that undergo startling changes in habits and form as they grow, and learn how insects see, hear, taste, smell, and feel the world around them.





2019 COI: Week 1 at Camp Old Indian

CMB149 9-5 PM Civil Development & STEAM Department Area Andrew Dill



Inventing

Inventing involves finding technological solutions to real-world problems. Inventors understand the importance of inventing to society because they creatively think of ways to improve the lives of others. Explore the world of inventing through this new merit badge, and discover your inner inventiveness.

Minimum number of participants: 1
Maximum number of participants: 25

CMB104 2-5 PM 2nd Lake

Alex Jones Days: Tu

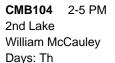
Davs: Fr



Kayaking

A basic-level merit badge for flat-water kayaking - whitewater kayaking will still fall under Whitewater merit badge.

Minimum number of participants: 1
Maximum number of participants: 13

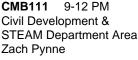




Kayaking

A basic-level merit badge for flat-water kayaking - whitewater kayaking will still fall under Whitewater merit badge.

Minimum number of participants: 1
Maximum number of participants: 13



Zach Pynne Days: We



Law

Earning this merit badge enables a Scout to learn about the history and kinds of laws, the purpose and methods of law enforcement, consumer protection agencies, emerging law, and careers in the legal profession.

Minimum number of participants: 1
Maximum number of participants: 25





Leatherwork

Scouts who complete the requirements to earn the Leatherwork merit badge will explore leather's history and its endless uses. They will learn to make a useful leather item using the same types of raw materials that our ancestors used; be challenged to master skills like hand-stitching, lacing, and braiding.; and learn how to preserve and protect leather items so they will last a lifetime and beyond.

Additional Fee: \$15.00

Minimum number of participants: 1

Maximum number of participants: 25

CMB134 9-12 PM Handicraft Shelter Bradley Hawkins Days: We



Leatherwork

Scouts who complete the requirements to earn the Leatherwork merit badge will explore leather's history and its endless uses. They will learn to make a useful leather item using the same types of raw materials that our ancestors used; be challenged to master skills like hand-stitching, lacing, and braiding.; and learn how to preserve and protect leather items so they will last a lifetime and beyond.

Additional Fee: \$15.00





2019 COI: Week 1 at Camp Old Indian

CMB134 9-12 PM

Handicraft Shelter Nathan Townsend Days: Fr



Leatherwork

Scouts who complete the requirements to earn the Leatherwork merit badge will explore leather's history and its endless uses. They will learn to make a useful leather item using the same types of raw materials that our ancestors used; be challenged to master skills like hand-stitching, lacing, and braiding.; and learn how to preserve and protect leather items so they will last a lifetime and beyond.

Additional Fee: \$15.00

Minimum number of participants: 1

Maximum number of participants: 25

CMB102 9-5 PM

1st Lake Benji Maguire Days: Tu



Lifesaving

No Boy Scout will ignore a plea for help. However, the desire to help is of little use unless one knows how to give the proper aid. The main purpose of the Lifesaving merit badge is to prepare Scouts to assist those involved in water accidents, teaching them the basic knowledge of rescue techniques, the skills to perform them, and the judgment to know when and how to act so that they can be prepared for emergencies.

Minimum number of participants: 1
Maximum number of participants: 25

CMB102 9-5 PM

1st Lake Evan Francis Days: Fr



Lifesaving

No Boy Scout will ignore a plea for help. However, the desire to help is of little use unless one knows how to give the proper aid. The main purpose of the Lifesaving merit badge is to prepare Scouts to assist those involved in water accidents, teaching them the basic knowledge of rescue techniques, the skills to perform them, and the judgment to know when and how to act so that they can be prepared for emergencies.

Minimum number of participants: 1
Maximum number of participants: 25

CMB165 7-10 PM

Hayden Lines Days: Th



Mammal Study

A mammal may weigh as little as 1/12 ounce, as do some shrews, or as much as 150 tons, like the blue whale. It may spring, waddle, swim, or even fly. But if it has milk for its young, has hair of some kind, is relatively intelligent, and has warm blood, then it is a mammal.

CMB167 9-12 PM

Days: We



Medicine

The practice of medicine has a rich history that spans several centuries. Since the first use of plants and other items as simple medicines and balms, many men and women have contributed to the advancement of the "healing arts."

CMB136 9-5 PM Handicraft Shelter Nathan Townsend Days: Mo



Metalwork

Scouts will begin their work on this merit badge by learning about the properties of metal, how to use simple metalworking tools, and the basic metalworking techniques. Then they will practice using these tools and techniques before concentrating on the more intricate skills of one of four metalworking options.

Additional Fee: \$20.00





2019 COI: Week 1 at Camp Old Indian

CMB136 9-5 PM

Handicraft Shelter Edson Stockman Days: Th



Metalwork

Scouts will begin their work on this merit badge by learning about the properties of metal, how to use simple metalworking tools, and the basic metalworking techniques. Then they will practice using these tools and techniques before concentrating on the more intricate skills of one of four metalworking options.

Additional Fee: \$20.00

Minimum number of participants: 1
Maximum number of participants: 13

CMB110 9-12 PM Civil Development & STEAM Department Area James Christian Days: We



Mining in Society

Mining has been an important part of our nation since the 19th century. Today, the industry employes 3 million Americans, directly and indirectly, and is a major contributor to the global mining landscape. This merit badge covers the history of mining, explores the status of mining in the 21st century, introduces Scouts to modern mining careers, and explores the all-important topic of mining safety.

Minimum number of participants: 1
Maximum number of participants: 25

CMB122 9-12 PM



Nature

There is a very close connection between the soil, the plants, and all animal life, including people. Understanding this connection, and the impact we have upon it, is important to preserving the wilderness, as well as to our own well-being as members of the web of nature.

Minimum number of participants: 1
Maximum number of participants: 25

CMB186 9-5 PM



Nuclear Science

Nuclear science gives us a simple explanation of the natural world. The ultimate goal of nuclear science is to find out if there is one fundamental rule that explains how matter and forces interact. Earning the Nuclear Science merit badge is a chance for Scouts to learn about this exciting field at the cutting edge of science today.

Days: Fr

Days: Tu

CMB143 9-5 PM Scoutcraft Shelter

Days: Tu



Orienteering

Orienteering, the use of map and compass to find locations and plan a journey, has been a vital skill for humans for thousands of years. Orienteering is also a recognized sport at the Olympic Games, and thousands of people participate in the sport each year in local clubs and competitions.

Minimum number of participants: 1 Maximum number of participants: 25

CMB131 9-5 PM First Aid Porch

Days: Tu



Personal Fitness

Personal fitness is an individual effort and desire to be the best one can be. Regardless of their current levels of personal fitness, in the twelve weeks it will take Scouts to complete the athletic requirements for this merit badge, they will be in better shape, feel better about themselves, have more energy, and gain self-confidence in their overall abilities.





2019 COI: Week 1 at Camp Old Indian

CMB131 9-5 PM First Aid Porch

Days: Th



Personal Fitness

Personal fitness is an individual effort and desire to be the best one can be. Regardless of their current levels of personal fitness, in the twelve weeks it will take Scouts to complete the athletic requirements for this merit badge, they will be in better shape, feel better about themselves, have more energy, and gain self-confidence in their overall abilities.

Minimum number of participants: 1
Maximum number of participants: 25

CMB107 9-5 PM Civil Development & STEAM Department Area Carson Bridges Days: Tu



Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

Minimum number of participants: 1
Maximum number of participants: 25

CMB107 9-5 PM Civil Development & STEAM Department Area Joshua Kirchner Days: Th



Personal Management

Personal management is about mapping a plan for your life that will involve setting short-range and long-range goals and investigating different ways to reach those goals. Education, training, and experience all help make your goals become a reality. To achieve your goals, you will choose the best path and make a commitment to it, while remaining flexible enough to deal with changes and new opportunities.

Minimum number of participants: 1
Maximum number of participants: 25

CMB150 9-5 PM Civil Development & STEAM Department Area

Days: Tu



Photography & Moviemaking

Beyond capturing family memories, photography offers a chance to be creative. Many photographers use photography to express their creativity, using lighting, composition, depth, color, and content to make their photographs into more than snapshots. Good photographs tell us about a person, a news event, a product, a place, a scientific breakthrough, an endangered animal, or a time in history.

Moviemaking includes the fundamentals of producing motion pictures, including the use of effective light, accurate focus, careful composition (or arrangement), and appropriate camera movement to tell stories. In earning the badge, Scouts will also learn to develop a story and describe other pre- and post-production processes necessary for making a quality motion picture.

Minimum number of participants: 1
Maximum number of participants: 25

CMB146 9-8 PM Scoutcraft Shelter

Days: Tu



Pioneering

Pioneering-the knowledge of ropes, knots, and splices along with the ability to build rustic structures by lashing together poles and spars-is among the oldest of Scouting's skills. Practicing rope use and completing projects with lashings also allow Scouts to connect with past generations, ancestors who used many of these skills as they sailed the open seas and lived in America's forests and prairies.



2019 COI: Week 1 at Camp Old Indian

CMB184 9-5 PM



Plant Science

Plant scientists use their curiosity and knowledge to develop questions about the world of plants. Then they try to answer those questions with further observations and experiments in the laboratory and in the field. To earn this merit badge, Scouts will explore three of the most important plant science specialties: agronomy, horticulture, and field botany.

CMB141 9-5 PM Handicraft Shelter Edson Stockman

Days: Fr

Days: Th



Pottery

The Pottery merit badge provides an introduction to pottery making, enabling Scouts to gain skill and understanding from actually creating pottery. Completing the requirements will include hands-on production of a work of art, from start to finish.

Additional Fee: \$15.00

Minimum number of participants: 1 Maximum number of participants: 25

CMB171 9-5 PM



Programming

Programming Merit Badge. Additional Fee: \$15.00

Prerequisites: Attend Cyberchip class during Monday Twilight

9-12 PM

Days: Mo

CMB124





Reptile and Amphibian Study

Boys always have been interested in snakes, turtles, lizards, and alligators, as well as frogs and salamanders. Developing knowledge about these captivating creatures leads to an appreciation for all native wildlife; understanding the life cycle of a reptile or amphibian and keeping one as a pet can be a good introduction to natural history; and knowing about venomous species can help Scouts to be prepared to help in case of an emergency.

Minimum number of participants: 1 Maximum number of participants: 25

CMB124 2-5 PM





Reptile and Amphibian Study

Boys always have been interested in snakes, turtles, lizards, and alligators, as well as frogs and salamanders. Developing knowledge about these captivating creatures leads to an appreciation for all native wildlife; understanding the life cycle of a reptile or amphibian and keeping one as a pet can be a good introduction to natural history; and knowing about venomous species can help Scouts to be prepared to help in case of an emergency.

Minimum number of participants: 1 Maximum number of participants: 25

CMB127 9-5 PM





Rifle Shooting

Unless a rifle is handled incorrectly or recklessly, it is not dangerous. A rifle, like any other precision instrument, is manufactured to perform a specific task and can do so at no risk to the user or others. By earning this badge, Scouts can develop their shooting skills while learning safe practices.

Additional Fee: \$35.00

Minimum number of participants: 1 Maximum number of participants: 16 NOTE: Recommended for older scouts.





2019 COI: Week 1 at Camp Old Indian

CMB127 9-5 PM

Jeremey Baker Days: Tu



Rifle Shooting

Unless a rifle is handled incorrectly or recklessly, it is not dangerous. A rifle, like any other precision instrument, is manufactured to perform a specific task and can do so at no risk to the user or others. By earning this badge, Scouts can develop their shooting skills while learning safe practices.

Additional Fee: \$35.00

Minimum number of participants: 1
Maximum number of participants: 15
NOTE: Recommended for older scouts.

CMB155 9-5 PM

Andrew Dill Days: Th



Robotics

Earning the Robotics merit badge requires a Scout to understand how robots move (actuators), sense the environment (sensors), and understand what to do (programming); he should demonstrate robot design in building a robot. You should help ensure that the Scout has sufficiently explored the field of robotics to understand what it is about, and to discover whether this may be a field of interest for him as a career.

Additional Fee: \$35.00

Minimum number of participants: 1

Maximum number of participants: 11

CMB103 9-12 PM

2nd Lake Edward Ratliff Days: Tu



Rowing

Rowing is the use of oars as a means of propelling boats, has grown from a basic method of transportation to a competitive sport and an enjoyable method of exercising

Minimum number of participants: 1
Maximum number of participants: 25

CMB189 9-12 PM

Days: We



Safety

Knowing about safety helps Scouts to make the right choices and to take the best actions to avoid accidents by making informed choices in their everyday activities and to respond appropriately during an emergency situation.

CMB172 9-5 PM

Zach Pynne Days: Mo



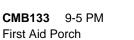
Salesmanship

By studying salesmanship, Scouts can learn self-confidence, motivation, friendliness, and the persistence necessary to overcome obstacles and solve problems. Sales can offer a challenging and rewarding career for those who enjoy interacting with people from all walks of life.

NOTE: Class location Trading Post

CMB163 7-10 PM

Brandon Williams Days: Tu



Days: Mo



Scouting Heritage

Introduces boys to the history of the Boy Scouts of America. They'll learn it all - from Scouting's beginnings under Lord Baden-Powell to the history of their own troop.



Search and Rescue

The process and safety methods of working around specialized teams such as aircraft, canine, and aquatic rescue teams. Identifying differences between search and rescue environments, such as coastal, wilderness, rural, and urban landscapes. Determining when Universal Transverse Mercator (UTM) and latitude and longitude (Lat/Lon) should be used.





2019 COI: Week 1 at Camp Old Indian

CMB133 9-5 PM

First Aid Porch

Days: Fr



Search and Rescue

The process and safety methods of working around specialized teams such as aircraft, canine, and aquatic rescue teams. Identifying differences between search and rescue environments, such as coastal, wilderness, rural, and urban landscapes. Determining when Universal Transverse Mercator (UTM) and latitude and longitude (Lat/Lon) should be used.

Minimum number of participants: 1
Maximum number of participants: 25

CMB128 9-5 PM

Jeremey Baker Days: Mo



Shotgun Shooting

A shotgun is a precision instrument, designed to shoot a shot charge in a specific pattern to cover a designated area at a certain distance. Unlike a rifle, the bore of the shotgun is not rifled, so the shot emerging from the muzzle is not spinning.

Additional Fee: \$40.00

Minimum number of participants: 1 Maximum number of participants: 13 NOTE: Recommended for older scouts.

CMB182 9-5 PM

Jeremey Baker Days: Tu



Shotgun Shooting

A shotgun is a precision instrument, designed to shoot a shot charge in a specific pattern to cover a designated area at a certain distance. Unlike a rifle, the bore of the shotgun is not rifled, so the shot emerging from the muzzle is not spinning.

Additional Fee: \$40.00

Minimum number of participants: 1
Maximum number of participants: 10

NOTE: NOTE: Recommended for older scouts

CMB144 9-5 PM Scoutcraft Shelter

Days: Fr



Signs, Signals, and Codes

American Sign Language (ASL) is the third most used language in the United States. The Signs, Signals, and Codes merit badge will cover Morse code, ASL, Braille, signaling, trail markings, and other nonverbal communications. Did you know that some of these have even saved people's lives'

Minimum number of participants: 1

Maximum number of participants: 25

CMB120 9-12 PM

Nathan Kidd Days: Th



Soil and Water Conservation

Conservation isn't just the responsibility of soil and plant scientists, hydrologists, wildlife managers, landowners, and the forest or mine owner alone. It is the duty of every person to learn more about the natural resources on which our lives depend so that we can help make sure that these resources are used intelligently and cared for properly.

Minimum number of participants: 1
Maximum number of participants: 25

CMB120 2-5 PM

Nathan Kidd Days: Tu



Soil and Water Conservation

Conservation isn't just the responsibility of soil and plant scientists, hydrologists, wildlife managers, landowners, and the forest or mine owner alone. It is the duty of every person to learn more about the natural resources on which our lives depend so that we can help make sure that these resources are used intelligently and cared for properly.





2019 COI: Week 1 at Camp Old Indian

CMB156 9-5 PM Civil Development & STEAM Department Area **Brandon Williams**





Space Exploration

Space is mysterious. We explore space for many reasons, not least because we don't know what is out there, it is vast, and humans are full of curiosity. Each time we send explorers into space, we learn something we didn't know before. We discover a little more of what is there.

Additional Fee: \$20.00

Minimum number of participants: 1 Maximum number of participants: 25

CMB156 9-5 PM Civil Development & STEAM Department Area **Brandon Williams**

Days: Fr



Space Exploration

Space is mysterious. We explore space for many reasons, not least because we don't know what is out there, it is vast, and humans are full of curiosity. Each time we send explorers into space, we learn something we didn't know before. We discover a little more of what is there.

Additional Fee: \$20.00

Minimum number of participants: 1 Maximum number of participants: 25

CMB100 9-5 PM 1st Lake

Benji Maguire Days: Mo



Swimming

Swimming is a leisure activity, a competitive sport, and a basic survival skill. Scouts who earn this badge will learn about safety when swimming and diving, how swimming can contribute to overall fitness and health, and gain some basic competitive swimming skills.

Minimum number of participants: 1 Maximum number of participants: 25

CMB100 9-5 PM 1st Lake **Edward Ratliff**

Days: Th



Swimming

Swimming is a leisure activity, a competitive sport, and a basic survival skill. Scouts who earn this badge will learn about safety when swimming and diving, how swimming can contribute to overall fitness and health, and gain some basic competitive swimming skills.

Minimum number of participants: 1 Maximum number of participants: 25

CMB100 9-5 PM 1st Lake William McCauley Days: Fr



Swimming

Swimming is a leisure activity, a competitive sport, and a basic survival skill. Scouts who earn this badge will learn about safety when swimming and diving, how swimming can contribute to overall fitness and health, and gain some basic competitive swimming skills.

Minimum number of participants: 1 Maximum number of participants: 26

CMB158 9-12 PM

Days: We



While earning the Theater merit badge, Scouts will learn to appreciate live performances as members of the audience as well as go behind the footlights to see the view from the other side. Much more goes on in theater than ever meets the audience's eye.





2019 COI: Week 1 at Camp Old Indian

CMB109 9-12 PM Civil Development & STEAM Department Area **Brandon Williams** Davs: We



Traffic Safety

Staying safe in traffic wherever you live is getting more difficult all the time, as more and more people take to the road. Earning the Traffic Safety merit badge and will give Scouts some crucial tools to stay safer, when driving a car on a highway, riding a bike across town, or jogging across a busy street.

Minimum number of participants: 1 Maximum number of participants: 25

CMB116 9-12 PM

Days: We

Days: Fr

Days: Tu



Weather

Meteorology is the study of Earth's atmosphere and its weather and the ways in which temperature, wind, and moisture act together in the environment. In addition to learning how everyday weather is predicted, Scouts can learn about extreme weather such as thunderstorms, tornadoes, and hurricanes, and how to stay safe.

Minimum number of participants: 1 Maximum number of participants: 25

CMB116 2-5 PM



Weather

Meteorology is the study of Earth's atmosphere and its weather and the ways in which temperature, wind, and moisture act together in the environment. In addition to learning how everyday weather is predicted, Scouts can learn about extreme weather such as thunderstorms, tornadoes, and hurricanes, and how to stay safe.

Minimum number of participants: 1 Maximum number of participants: 25

CMB138 9-5 PM Handicraft Shelter Wesly Shell



The new Welding badge and pamphlet was released by BSA, and Scouts could begin earning the badge on February 24, 2012.

Additional Fee: \$25.00

Minimum number of participants: 1 Maximum number of participants: 12

CMB138 9-5 PM Handicraft Shelter Wesly Shell Days: Fr



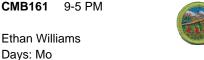
Welding

The new Welding badge and pamphlet was released by BSA, and Scouts could begin earning the badge on February 24, 2012.

Additional Fee: \$25.00

Minimum number of participants: 1 Maximum number of participants: 15

CMB161





Wilderness Survival

In their outdoor activities, Scouts learn to bring the clothing and gear they need, to make good plans, and do their best to manage any risks. But now and then, something unexpected happens. When things go wrong, the skills of wilderness survival can help make everything right again.

Minimum number of participants: 1 Maximum number of participants: 25

NOTE: NOTE: Scouts are required to attend their overnight on Wednesday

evening after visitors night.





2019 COI: Week 1 at Camp Old Indian

CMB161 9-5 PM

Ethan Ham Days: Tu



Wilderness Survival

In their outdoor activities, Scouts learn to bring the clothing and gear they need, to make good plans, and do their best to manage any risks. But now and then, something unexpected happens. When things go wrong, the skills of wilderness survival can help make everything right again.

Minimum number of participants: 1
Maximum number of participants: 25

NOTE: NOTE: Scouts are required to attend their overnight on Wednesday

evening after visitors night.

CMB135 9-12 PM Handicraft Shelter Nathan Townsend Days: We



Wood Carving

As with any art, wood carving involves learning the basics of design, along with material selection and tools and techniques, as well as wood-carving safety. The requirements of the Wood Carving merit badge introduce Scouts to an enjoyable hobby and that can become a lifetime activity.

Additional Fee: \$10.00

Minimum number of participants: 1 Maximum number of participants: 16

CMB135 2-5 PM Handicraft Shelter Bradley Hawkins Days: Mo



Wood Carving

As with any art, wood carving involves learning the basics of design, along with material selection and tools and techniques, as well as wood-carving safety. The requirements of the Wood Carving merit badge introduce Scouts to an enjoyable hobby and that can become a lifetime activity.

Additional Fee: \$10.00

Minimum number of participants: 1 Maximum number of participants: 15

CMB135 2-5 PM Handicraft Shelter Bradley Hawkins Days: Fr



Wood Carving

As with any art, wood carving involves learning the basics of design, along with material selection and tools and techniques, as well as wood-carving safety. The requirements of the Wood Carving merit badge introduce Scouts to an enjoyable hobby and that can become a lifetime activity.

Additional Fee: \$10.00

