

Virtual Merit Badge Midway

Video-Conferencing Merit Badge Classes Saturday, May 2, 2020 - 8:30am to 4:30pm

Scouts shall request an approval from their Scoutmaster for each Merit Badge they would like to start or complete at the Video-Conference Midway. All Scouts shall contact the Merit Badge Counselor at least one week before to the Midway to discuss the video application; Zoom, Skype, or Google Classrooms and complete any prerequisites for the Merit Badge's attempted. This is the registration process. Each Scout SHALL have the *Merit Badge worksheets printed*, which can be found in the "Prerequisites and Requirements" Section of this flyer, and something to write with prior to the beginning of the Video-Conference. Many times it is necessary to complete most of the work prior to the Midway depending on the Merit Badge. ****Please have a parent available during the video portion of the training for Youth Protection compliant.** If there are any questions, please contact Darin Hebert at hebert.darin@yahoo.com or 424-376-8261.

Please note, the Video-Conference Midway will be run in the form of sessions. There are (11) eleven total sessions. Each Merit Badge has a session number that corresponds to the times listed below, but ultimately, the times are completely up to the Counselor.

Session 1: 8:30am – 10:30am	Session 2: 10:30am – 12pm	Session 3: 12:30pm – 2:00pm
Session 4: 2:00pm – 4:00pm	Session 5: 8:30am – 12pm	Session 6: 8:30am – 12:30pm
Session 7: 12:30pm – 4:00pm	Session 8: 10:00am – 12pm	Session 9: 1:00pm – 3:00pm
Session 10: 1:00pm – 4:00pm	Session 11: 8:30am – 4:00pm	Session 12: Available all day

Register for the following Merit Badge Classes through the assigned Merit Badge Counselor.

<i>Course:</i>	<i>Counselor:</i>	<i>Phone Number:</i>	<i>Email Address:</i>	<i>Session #:</i>	<i>Students:</i>
American Labor	Darin Hebert	661-803-9423	hebert.darin@yahoo.com	Session 9	10
Art	Tracey Lucas	818-389-8338	lucastudio@me.com	Session 1	10
☞ Camping	Carlo Colon	818-688-1123	carlojohncolon@gmail.com	Session 1	10
☞ Citizenship in the Com.	Lee Shapiro	818-427-7802	lsbsa@aol.com	Session 10	10
☞ Citizenship in the Com.	James Hall	661-998-0208	jameshall54@gmail.com	Session 8	10
☞ Citizenship in the Nation	Alfredo Loza	661-977-1523	alfredo.loza.lozaus@gmail.com	Session 10	10
☞ Citizenship in the World	Alfredo Loza	661-977-1523	alfredo.loza.lozaus@gmail.com	Session 5	10
☞ Citizenship in the World	Lee Shapiro	818-427-7802	lsbsa@aol.com	Session 5	10
☞ Communication	Dean Yerem	661-607-7556	dean.yerem@gmail.com	Session 5	10
☞ Cooking	Carlo Colon	818-688-1123	carlojohncolon@gmail.com	Session 9	10
Crime Prevention	Brian Hickey	661-993-7192	w93b5@sbcglobal.net	Session 1	10
☞ Emerg. Preparedness	Yarissa Martinez	213-948-5543	yarissaaymee@yahoo.com	Session 5	8 CLOSED
☞ Family Life	Adi Petersen	626-710-7239	adipetersen@yahoo.com	Session 5	10 CLOSED
Fire Safety	Darin Hebert	661-803-9423	hebert.darin@yahoo.com	Session 8	10 CLOSED
Fishing	Jim Pritchett	661-510-5083	jimp0713@gmail.com	Session 4	10
Genealogy	Tracey Lucas	818-389-8338	lucastudio@me.com	Session 3	1
Geocaching	Tracey Lucas	818-389-8338	lucastudio@me.com	Session 2	10
Graphic Arts	Tracey Lucas	818-389-8338	lucastudio@me.com	Session 4	10
Medicine	Sam Murray, MD	661-803-2759	maybear10@aol.com	Session 5	10
☞ Personal Management	Monte Murray	661-644-5100	m.mm91387@gmail.com	Session 5	10
Pets	Adi Petersen	626-710-7239	adipetersen@yahoo.com	Session 9	10
Photography	Jennifer Hudson	661-852-8727	jenngoldfarb@hotmail.com	Session 8	10
Public Speaking	James Hall	661-998-0208	jameshall54@gmail.com	Session 9	10
Soil and Water Conservation	Shawna Howerton	760-877-6708	bobcatopers@gmail.com	Session 2	10
Traffic Safety	Jennifer Kurt	661-313-9844	redcaboose@hotmail.com	Session 12	10
Wilderness Survival	Jim Pritchett	661-510-5083	jimp0713@gmail.com	Session 1	10

Merit Badge Video-Conference Prerequisites & Requirements:

“All Scouts must contact the Counselor prior to the start of the Midway. This should be done at least one week prior to the start date.”

American Labor

To receive full credit for American Labor, please print the Merit Badge requirements from [American Labor Workbook](#) DO YOUR BEST TO READ THE AMERICAN LABOR BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2, 5, 7 and 9. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Using resources available to you, learn about working people and work-related concerns.
List and briefly describe or give examples of at least EIGHT concerns of American workers. These may include, but are not limited to, working conditions, workplace safety, hours, wages, seniority, job security, equal opportunity employment and discrimination, guest workers, automation and technologies that replace workers, unemployment, layoffs, outsourcing, and employee benefits such as health care, child care, profit sharing, continuing education, and retirement benefits.
3. Explain to your counselor what labor unions are, what they do, and what services they provide to members.
What they are:
What they do:
What services they provide:
In your discussion, show that you understand the concepts of labor, management, collective bargaining, negotiation, union shops, open shops, grievance procedures, mediation, arbitration, work stoppages, strikes, and lockouts.
4. Explain what is meant by the adversarial model of labor-management relations, compared with a cooperative-bargaining style.
6. Explain the term globalization.
Discuss with your counselor some effects of globalization on the workforce in the United States.
Explain how this global workforce fits into the economic system of this country.
8. Discuss with your counselor the different goals that may motivate the owners of a business, its stockholders, its customers, its employees, the employees' representatives, the community, and public officials.
Explain why agreements and compromises are made and how they affect each group in achieving its goals.
9. Learn about opportunities in the field of labor relations. Choose one career in which you are interested and discuss with your counselor the major responsibilities of the position, and the qualifications, education, and training such a position requires.
Career:

Art

To receive full credit for Art, please print the Merit Badge requirements from [Art Workbook](#) DO YOUR BEST TO READ THE ART BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 4, 5, 6 and 7. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Discuss the following with your counselor:
 - a. What art is and what some of the different forms of art are.
 - b. The importance of art to humankind
 - c. What art means to you and how art can make you feel
2. Discuss with your counselor the following terms and elements of art: line, value, shape, form, space, color, and texture. Show examples of each element.
3. Discuss with your counselor the six principles of design: rhythm, balance, proportion, variety, emphasis, and unity.

Camping

To receive full credit for Camping, please print the Merit Badge requirements from [Camping Workbook](#) DO YOUR BEST TO READ THE CAMPING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 3 all, 4 all, 5e, 7b, 8c, 8d, and 9. We will go over them, however they will need to be completed before the conference. I would like to see corresponding logs in your scout books with sign offs for the camping trips you've done and a description so you can get sign offs for 9. For 4a you can create a mock duty roster as long as you can explain to me why you need the roster done and why certain assignments were made. For both 4b it could be for an upcoming trip. For 7a it can be for upcoming trip as well. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while participating in camping activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - b. Discuss with your counselor why it is important to be aware of weather conditions before and during your camping activities.
Tell how you can prepare should the weather turn bad during your campouts.
 - c. Show that you know first aid for and how to prevent injuries or illnesses that could occur while camping, including hypothermia, frostbite, heat reactions, dehydration, altitude sickness, insect stings, tick bites, snakebite, blisters, and hyperventilation.
Learn the Leave No Trace principles and the Outdoor Code and explain what they mean.
Write a personal and group plan for implementing these principles on your next outing.
5. Do the following:
 - a. Prepare a list of clothing you would need for an overnight campout in both warm and cold weather.
Explain the term "layering".
 - b. Discuss footwear for different kinds of weather and how the right footwear is important for protecting your feet.
 - c. Explain the proper care and storage of camping equipment (clothing, footwear, bedding).
 - d. List the outdoor essentials necessary for any campout and explain why each item is needed.
6. Do the following:
 - a. Describe the features of four types of tents, when and where they could be used, and how to care for tents.
Work with another Scout, pitch a tent.
 - b. Discuss the importance of camp sanitation and tell why water treatment is essential.
Then demonstrate two ways to treat water.
 - c. Describe the factors to be considered in deciding where to pitch your tent.
 - d. Tell the difference between internal and external-frame packs.
Discuss the advantages and disadvantages of each.
 - e. Discuss the types of sleeping bags and what kind would be suitable for different conditions.
Explain the proper care of your sleeping bag and how to keep it dry.
Make a comfortable ground bed.
7. Prepare for an overnight campout with your patrol by doing the following:
 - a. Make a checklist of personal and patrol gear that will be needed.
8. Do the following:
 - a. Explain the safety procedures for:
 1. Using a propane or butane / propane stove
 2. Using a liquid fuel stove
 3. Proper storage of extra fuel
 - b. Discuss the advantages and disadvantages of 4 different types of lightweight cooking stoves.
10. Discuss how the things you did to earn this badge have taught you about personal health and safety, survival, public health, conservation, and good citizenship.
In your discussion, tell how Scout spirit and the Scout Oath and Scout Law apply to camping and outdoor ethics.



Citizenship in the Community

To receive full credit for Citizenship in the Community; please print the Merit Badge requirements from [Citizenship in the Community Worksheets](#) DO YOUR BEST TO READ THE CITIZENSHIP IN THE COMMUNITY BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 1, 2a, 2b, 3 all, 4a, 4b, and 5. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

- 4c. Share what you have learned with your counselor.
6. List 5 services (such as the library, recreation center, public transportation, and public safety) your community provides that are funded by taxpayers.
7. Do the following:
 - a. Identify three charitable organizations outside of Scouting that interest you and bring people in your community together to work for the good of your community.
 - b. Pick ONE of the organizations you chose for requirement 7a. Using a variety of resources (including newspapers, fliers and literature, the internet, volunteers, and employees of the organization), find out more about this organization.
 - c. With your counselor's and your parent's approval, contact the organization you chose for requirement 7b and find out what young people can do to help. While working on this merit badge, volunteer at least eight hours of your time for the organization. After your volunteer experience is over, discuss what you have learned with your counselor.
8. Develop a public presentation (such as a video, slide show, speech, digital presentation, or photo exhibit) about important and unique aspects of your community. Include information about the history, cultures, and ethnic groups of your community; its best features and popular places where people gather; and the challenges it faces. Stage your presentation in front of your merit badge counselor or a group, such as your patrol or a class at school.

Citizenship in the Nation

To receive full credit for Citizenship in the Nation, please print the Merit Badge requirements from [Citizenship in the Nation Worksheets](#) DO YOUR BEST TO READ THE CITIZENSHIP IN THE NATION BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2, 3, 6 and 8. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Explain what citizenship in the nation means and what it takes to be a good citizen of this country. Discuss the rights, duties, and obligations.
4. Discuss each of the following documents with your counselor. Tell your counselor how you feel life in the United States might be different without each one.
 - a. Declaration of Independence
 - b. Preamble to the Constitution
 - c. The Constitution
 - d. Bill of Rights
 - e. Amendments to the Constitution
5. List the six functions of government as noted in the preamble to the Constitution. Discuss with your counselor how these functions affect your family and local community.
7. Name the three branches of our federal government and explain to your counselor their functions. Explain how citizens are involved in each branch. For each branch of government, explain the importance of the system of checks and balances.

Citizenship in the World

To receive full credit for Citizenship in the World, please print the Merit Badge requirements from [Citizenship in the World Worksheets](#) DO YOUR BEST TO READ THE CITIZENSHIP IN THE WORLD BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 4 and 7. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Explain what Citizenship in the World means to you and what you think it takes to be a good world citizen.
2. Explain how one becomes a citizen in the United States, and explain the rights, duties, and obligations of U.S. citizenship. Discuss the similarities and differences between the rights, duties, and obligations of U.S. citizens and the citizens of two other countries.
3. Do the following:
 - a. Pick a current world event. In relation to this event, discuss with your counselor how a country's national interest and its relationship with other countries might affect areas such as its security, its values, and the health of its citizens.
 - b. Select a foreign country and discuss with your counselor how its geography, natural resources, and climate influence its economy and its global partnerships with other countries.
5. Do the following:
 - a. Discuss the difference between constitutional and non-constitutional governments.
 - b. Name at least five different types of government currently in power in the world.
 - c. Show on a world map, countries that use each of these five different forms of government.
6. Do the following:
 - a. Explain how a government is represented abroad and how the United States government is accredited to international organizations.
 - b. Describe the roles of the following in the conduct of foreign relations.
 1. Ambassador
 2. Consul
 3. Bureau of International Information Programs
 4. Agency for International Development
 5. United States and Foreign Commercial Service
 - c. Explain the purpose of a passport and visa for international travel.

Communication

To receive full credit for Communications, please print the Merit Badge requirements from [Communication Worksheets](#) DO YOUR BEST TO READ THE COMMUNICATION BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 3, 4, 5, 6, 7, and 8. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do ONE of the following:
 - a. For one day, keep a log in which you describe your communication activities. Keep track of the time and different ways you spend communicating, such as talking person-to-person, listening to teachers, the radio, or podcasts, watching television, using social media, reading books and other print media, and using any electronic communication device. Discuss with your counselor what your log reveals about the importance of communication in your life. Think of ways to improve your communications skills.
 - b. For three days, keep a journal of your listening experiences. Identify one example of each of the following, and discuss with your counselor when you have listened to:
 1. Obtain information
 2. Be persuaded
 3. Appreciate or enjoy something
 4. Understand someone's feelings
 - c. In a small-group setting, meet with other scouts or with friends. Have them share personal stories about significant events in their lives that affected them in some way. Take note of how each scout participates in the group discussion and how effectively each Scout communicates their story. Report what you have learned to your counselor about the differences you observed in effective communication.
 - d. List as many ways as you can to communicate to others (face-to-face, by telephone, letter, e-mail, text messages, social media, and so on). For each type of communication discuss with your counselor an instance when that method might not be appropriate or effective.
2. Do ONE of the following:
 - a. Think of a creative way to describe yourself, using, for example, a collage, short story of autobiography, drawing or series of photographs, or a song or skit. Using the aid you created, make a presentation to your counselor about yourself.
 - b. Choose a concept, product, or service in which you have great confidence. Build a sales plan based on its good points. Try to persuade to counselor to agree with, use, or buy your concept, product or service. After your sales talk, discuss with your counselor how persuasive you were.
9. Find out about three career opportunities in the field of communication. Pick one and find out the education, training, and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you.



eCooking

To receive full credit for Cooking, please print the Merit Badge requirements from [Cooking Worksheets](#) DO YOUR BEST TO READ THE COOKING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 4a, 4c, 4d, 4e, 5a, 5b, 5d, 5e, 5f, 6a, 6b, 6d, 6e, and 7. I would also like to see in your scout book what camping or hiking trips you worked on preparing meals using backpacking stoves, stoves and etc. Same goes for the snack. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Health and Safety. Do the following:
 - a. Explain to your counselor the 5 most likely hazards you may encounter while participating in cooking activities and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - b. Show that you know first aid for and how to prevent injuries or illnesses that could occur while preparing meals and eating, including burns and scalds, cuts, choking, and allergic reactions.
 - c. Describe how meat, fish, chicken, eggs, dairy products, and fresh vegetables should be stored, transported, and properly prepared for cooking. Explain how to prevent cross-contamination.
 - d. Discuss with your counselor food allergies, food intolerance, and food-related illnesses and diseases. Explain why someone who handles or prepares food needs to be aware of these concerns.
 - e. Discuss with your counselor why reading food labels is important. Explain how to identify common allergens such as peanuts, tree nuts, milk, eggs, wheat, soy, and shellfish.
2. Nutrition. Do the following:
 - a. Using the MyPlate food guide of the current USDA nutrition model, give five examples for EACH of the following food groups, the recommended number of daily servings, and the recommended serving size:
 1. Fruits
 2. Vegetables
 3. Grains
 4. Proteins
 5. Dairy
 - b. Explain why you should limit your intake of oils and sugars.
 - c. Determine your daily level of activity and your caloric need based on your activity level. Then, based on the MyPlate food guide, discuss with your counselor an appropriate meal plan for yourself for one day.
 - d. Discuss your current eating habits with your counselor and what you can do to eat healthier, based on the MyPlate food guide.
 - e. Discuss the following food label terms: calorie, fat, saturated fat, trans fat, cholesterol, sodium, carbohydrate, dietary fiber, sugar, and protein. Explain how to calculate total carbohydrates and nutritional values for two servings, based on the serving size specified on the label.
3. Cooking Basics. Do the following:
 - a. Discuss EACH of the following cooking methods. For each one, describe the equipment needed, how temperature control is maintained, and name at least one food that can be cooked using that method: baking, boiling, broiling, pan frying, simmering, steaming, microwaving, grilling, foil cooking, and use of a Dutch oven.
 - b. Discuss the benefits of using a camp stove on an outing vs. a charcoal or wood fire.
 - c. Describe for your counselor how to manage your time when preparing a meal so components for each course are ready to serve at the correct time.
4. Cooking at home. Using the MyPlate food guide or the current USDA nutrition model, plan menus for three full days of meals (three breakfasts, three lunches, and three dinners) plus one dessert. Your menus should include enough to feed yourself and at least one adult, keeping in mind any special needs (such as food allergies and how you keep your foods safe and free from cross-contamination. List the equipment and utensils needed to prepare and serve these meals.
 - b. Share and discuss your meal plan and shopping list with your counselor.
5. Camp Cooking. Do the following:
 - c. Share and discuss your meal plan and shopping list with your counselor. Discuss what you learned with your counselor, including any adjustments that could have improved or enhanced your meals. Tell how planning and preparation help ensure successful outdoor cooking.
 - g. Explain to your counselor how you cleaned the equipment, utensils, and the cooking site thoroughly after each meal. Explain how you properly disposed of dishwasher and of all the garbage.
 - h. Discuss how you followed the Outdoor Code and no-trace principles when preparing your meals.
6. Trail and backpacking meals. Do the following:
 - c. Share and discuss your meal plan and shopping list with your counselor. Your plan must include how to repackage foods for your hike or backpacking trip to eliminate as much bulk, weight, and garbage as possible. Discuss what you learned with your counselor, including any adjustments that could have improved or enhanced your meals. Tell how planning and preparation help ensure successful trail hiking or backpacking meals.
 - f. Discuss how you followed the Outdoor Code and no-trace principles during your outing. Explain to your counselor how you cleaned any equipment, utensils, and the cooking site after each meal. Explain how you properly disposed of any dishwasher and packed out all garbage.

Crime Prevention

To receive full credit for Crime Prevention, please print the Merit Badge requirements from [Crime Prevention Worksheets](#) DO YOUR BEST TO READ THE CRIME PREVENTION BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2, 4, 5, and 6. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Discuss the role and value of laws in society with regard to crime and crime prevention. Include in your discussion the definitions of "crime" and "crime prevention."
3. Discuss the following with your counselor:
 - a. The role of citizen, including youth, in crime prevention.
 - b. Gangs and their impact on the community.
 - c. When and how to report crime.
7. Do ONE of the following:
 - a. Assist in the planning and organization of a crime prevention program in your community such as Neighborhood Watch, Community Watch, or Crime Stoppers. Explain how this program can benefit your neighborhood.
 - b. With your parent's and counselor's approval, visit a jail or detention facility or a criminal court hearing. Discuss your experience with your counselor.
8. Discuss the following with your counselor:
 - a. How drug abuse awareness programs help prevent crime.
 - b. Why alcohol, tobacco, and marijuana are sometimes called "gateway drugs" and how "gateway drugs" can lead to the use of other drugs.
 - c. The potential consequences from the misuse of prescription drugs.
 - d. How the illegal sale and use of drugs lead to other crimes.
 - e. Three resources in your city where a person with a drug problem or drug-related problem can go for help.
 - f. How to recognize child abuse.
 - g. The three R's of Youth Protection
9. Discuss the following with your counselor:
 - a. The role of a sheriff's or police department in crime prevention.
 - b. The purpose and operation of agencies in your community that help law enforcement personnel prevent crime, and how those agencies function during emergency situations.
 - c. Explain the role private security plays in crime prevention.
 - d. Chose a career in the crime prevention or security industry that interests you. Career:
Describe the level of education required and responsibilities of a person in that position.
Tell why this position interests you.

Emergency Preparedness

To receive full credit for Emergency Preparedness, please print the Merit Badge requirements from [Emergency Preparedness Worksheets](#). DO YOUR BEST TO READ THE EMERGENCY PREPAREDNESS BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 1, 7 and 9. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

2. Do the following:
 - a. Discuss with your counselor the aspects of emergency preparedness:
 1. Prevention
 2. Protection
 3. Mitigation
 4. Response
 5. Recovery
 Include in your discussion the kinds of questions that are important to ask yourself as you consider each of these.
 - b. Using a chart, graph, spreadsheet, or another method approved by your counselor, demonstrate your understanding of each aspect of emergency preparedness listed in requirement 2a (prevention, protection, mitigation, response, and recovery) for 10 emergency situations from the list in requirement 2b. **You must use the first five situations listed in boldface**, plus any other five of your choice. Discuss your findings with your counselor.
 - c. Meet with and teach your family how to get or build a kit, make a plan, and be informed for the situations on the chart you created for requirement 2b. Complete a family plan. Then meet with your counselor and report on your family meeting, discuss their responses, and share your family plan.
3. Show how you could safely save a person from the following:
 - a. Touching a live household electric wire
 - b. A structure filled with carbon monoxide
 - c. Clothes on fire
 - d. Drowning using non-swimming rescues (including accidents on ice).
4. Show three ways of attracting and communicating with rescue planes/aircraft.
5. With another person, show a good way to transport an injured person out of a remote and/or rugged area, conserving the energy of rescuers while ensuring the well-being and protection of the injured person.
6. Do the following:
 - a. Describe the National Incident Management System (NIMS) and the Incident Command System (ICS)
 - b. Identify the local government or community agencies that normally handle and prepare for emergency services similar to those of the NIMS or ICS. Explain to your counselor
 1. How the NIMS/ICS can assist a Boy Scout troop when responding in a disaster.
 2. How a group of Scouts could volunteer to help in the event of these types of emergencies.
 - c. Find out who is your community's emergency management director and learn what this person does to **prevent, protect, mitigate, respond to, and recover from** emergency situations in your community. Discuss this information with your counselor, utilizing the information you learned from requirement 2b
8. Do the following:
 - a. Tell the things a group of Scouts should be prepared to do, the training they need, and the safety precautions they should take for the following emergency services:
 1. Crowd and traffic control
 2. Messenger service and communication.
 3. Collection and distribution services.
 4. Group feeding, shelter, and sanitation.
 - b. Prepare a personal emergency service pack for a mobilization call.
Prepare a family kit (suitcase or waterproof box) for use by your family in case an emergency evacuation is needed. Explain the needs and uses of the contents. (You will need to have this prepared for the Video-Conference)

Family Life

To receive full credit for Family Life, please print the Merit Badge requirements from [Family Life Worksheets](#). DO YOUR BEST TO READ THE FAMILY LIFE BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 1, 2, 3, 4, 5 and 6b. Requirement 4, please be prepared to submit a report to your counselor outlining how the project benefited your family. Requirement 5, please be ready to present the project to the counselor during the Video-Conference. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

6. Do the following:
 - a. Discuss with your merit badge counselor how to plan and carry out a family meeting.
7. Discuss with your counselor your understanding of what makes an effective parent and why, and your thoughts on the parent's role and responsibilities in the family.

Fire Safety

To receive full credit for Fire Safety, please print the Merit Badge requirements from [Fire Safety Worksheets](#). DO YOUR BEST TO READ THE FIRE SAFETY BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 6 all, 7 all, 9 all, 10 all, and 12. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1.
 - a. Demonstrate the technique of stop, drop, cover, roll, cover your face, and cool.
Explain how burn injuries can be prevented.
 - b. List the most frequent causes of burn injuries.
 - c. Explain how to safely discard and store flammable liquids
2. Explain the chemistry and physics of fire.
 - Name the 4 parts of the fire tetrahedron.
 - Explain why vapors are important to the burning process.
 - Name the products of combustion.
 - Give an example of how fire grows and what happens.
3. Name the most frequent causes of fire in the home and give examples of ways they can be prevented. Include a discussion about fires caused by smoking in the home, cooking, candles, fireplaces, and electrical appliances.
4. Explain the role of human behavior in the arson problem in this country.
5. List the actions and common circumstances that cause seasonal and holiday related fires.
Explain how these fires can be prevented.
8. Explain the difference between combustible and noncombustible liquids and between combustible and noncombustible fabrics.
 - Liquids:
 - Fabrics:
11. Determine if smoke detectors are required in all dwellings within your municipality. If so, explain which specific types are required. Tell your counselor what type of smoke detectors your house has or needs.



Fishing

To receive full credit for Fishing, please print the Merit Badge requirements from [Fishing Worksheets](#) DO YOUR BEST TO READ THE FISHING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 9 and 10. We will go over them, however they will need to be completed before the conference. Be ready to discuss all the requirements. A field trip will be required to catch a fish. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while participating in fishing activities, and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - b. Discuss the prevention of and treatment for the following health concerns that could occur while fishing, including cuts, scratches, puncture wounds, insect bites, hypothermia, dehydration, heat exhaustion, heatstroke, and sunburn.
 - c. Explain how to remove a hook that has lodged in your arm.
 - d. Name and explain five safety practices you should always follow while fishing.
2. Discuss the differences between two types of fishing outfits. Point out and identify the parts of several types of rods and reels. Explain how and when each would be used. Review with your counselor how to care for this equipment.
3. Demonstrate the proper use of two different types of fishing equipment.
4. Demonstrate how to tie the following knots: improved clinch knot, Palomar knot, uni knot, uni to uni knot, and arbor knot. Explain how and when each knot is used.
5. Name and identify five basic artificial lures and five natural baits and explain how to fish with them. Explain why bait fish are not to be released.
6. Do the following:
 - a. Explain the importance of practicing Leave No Trace techniques. Discuss the positive effects of Leave No Trace on fishing resources.
 - b. Discuss the meaning and importance of catch and release. Describe how to properly release a fish safely to the water.
7. Obtain and review a copy of the regulations affecting game fishing where you live. Explain why they were adopted and what you accomplish by following them.
8. Explain what good outdoor sportsmanlike behavior is and how it relates to anglers. Tell how the Outdoor Code of the Boy Scouts of America relates to a fishing sports enthusiast, including the aspects of littering, trespassing, courteous behavior, and obeying fishing regulations.

Genealogy

To receive full credit for Genealogy, please print the Merit Badge requirements from [Genealogy Worksheets](#) DO YOUR BEST TO READ THE GENEALOGY BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2, 3, 5, 6, and 7. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Explain to your counselor what the words genealogy, ancestor, and descendant mean.
4. Do the following:
 - a. Name three types of genealogical resources and explain how these resources can help you chart your family tree.
 - b. Obtain at least one genealogical document that supports an event that is or can be recorded on your pedigree chart or family group record. The document could be found at home or at a government office, religious organization, archive, or library.
 - c. Tell how you would evaluate the genealogical information you found for requirement 4b.
8. Do the following:
 - a. Explain the effect computers and the Internet are having on the world of genealogy.
 - b. Explain how photography (including microfilming) has influenced genealogy.
9. Discuss what you have learned about your family and your family members through your genealogical research.

Geocaching

To receive full credit for Geocaching, please print the Merit Badge requirements from [Geocaching Worksheets](#) DO YOUR BEST TO READ THE GEOCACHING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 7, 8 and 9. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while participating in geocaching activities and what you should do to anticipate, help prevent, mitigate, and respond to these hazards.
 - b. Discuss first aid and prevention for the types of injuries or illnesses that could occur while participating in geocaching activities, including cuts, scrapes, snakebite, insect stings, tick bites, exposure to poisonous plants, heat and cold reactions (sunburn, heatstroke, heat exhaustion, hypothermia), and dehydration.
 - c. Discuss how to properly plan an activity that uses GPS, including using the buddy system, sharing your plan with others, and considering the weather, route, and proper attire.
2. Discuss the following with your counselor:
 - a. Why you should never bury a cache.
 - b. How to use proper geocaching etiquette when hiding or seeking a cache, and how to properly hide, post, maintain, and dismantle a geocache.
 - c. The principles of Leave No Trace as they apply to geocaching.
3. Explain the following terms used in geocaching: waypoint, log, cache, accuracy, difficulty and terrain ratings, attributes, trackable. Choose five additional terms to explain to your counselor.
4. Explain how the Global Positioning System (GPS) works. Then, using Scouting's teaching EDGE, demonstrate the use of a GPS unit to your counselor. Include marking and editing a waypoint, changing field functions, and changing the coordinate system in the unit.
5. Do the following:
 - a. Show you know how to use a map and compass and explain why this is important for geocaching.
 - b. Explain the similarities and differences between GPS navigation and standard map reading skills and describe the benefits of each.
6. Describe the four steps to finding your first cache to your counselor. Then mark and edit a waypoint.

Graphic Arts

To receive full credit for Graphic Arts, please print the Merit Badge requirements from [Graphic Arts Worksheets](#) DO YOUR BEST TO READ THE GRAPHIC ARTS BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 3, 4, 6 and 7. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Review with your counselor the processes for producing printed communications: offset lithography, screen printing, electronic/digital, relief, and gravure. Collect samples of three products, each one produced using a different printing process, or draw diagrams to help with your description.
2. Explain the differences between continuous tone, line, and halftone artwork. Describe how digital images can be created and/or stored in a computer.
5. Review the following post-press operations with your counselor:
 - a. Discuss the finishing operations of padding, drilling, cutting, and trimming.
 - b. Collect, describe, or identify examples of the following types of binding: perfect, spiral, plastic comb, saddle stitched, and case.



Medicine

To receive full credit for Medicine, please print the Merit Badge requirements from [Medicine Worksheets](#) DO YOUR BEST TO READ THE GEOCACHING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 1, 7, and 10. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

2. Explain the Hippocratic Oath to your counselor and compare to the original version to a more modern one. Discuss to whom those subscribing to the original version of the oath owe the greatest allegiance.
3. Discuss the health-care provider-patient relationship with your counselor, and the importance of such a relationship in the delivery of quality care to the patient. Describe the role of confidentiality in this relationship.
4. Do the following:
 - a. Describe the roles the following 18 professions play in the delivery of health care. Check the list on the worksheet.
 - b. Describe the educational and licensing requirements to practice health care in your state for FIVE of the professions in requirement 4a. (Not all professions may exist in your state.)
5. Do the following:
 - a. Tell what is meant by the term "primary care" with regard to a medical specialty.
 - b. Briefly describe the types of work done by 6 physicians in the following specialties. Check the list on the worksheet.
 - c. Describe the additional educational requirements for these specialties.
6. Do the following:
 - a. Briefly describe the types of work performed by physicians in FIVE of the specialties or subspecialties listed in the worksheets.
 - b. Describe the additional educational requirements for the five specialties or subspecialties you chose in 6a.
8. Do the following:
 - a. Discuss the roles medical societies, employers, the insurance industry, and the government play in influencing the practice of medicine in the United States.
 - b. Briefly tell how your state monitors the quality of health care within its borders, and how it provides care to those who do not have health insurance.
9. Compare and discuss with your counselor at least two types of health care delivery systems used throughout the world.

Personal Management

To receive full credit for Personal Management, please print the Merit Badge requirements from [Personal Management Worksheets](#) DO YOUR BEST TO READ THE PERSONAL MANAGEMENT BOOKLET (Please get it from your unit library, or PDF off the internet), and complete as many requirements prior to the Video-Conference: Requirement 2A, Scouts will receive a partial as this requirement requires a 13-week budget tracking. We will go over this. Contact the counselor prior to the Midway for additional pdf documentation that will outline a 3-step process to complete the merit badge, direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Choose an item that your family might want to purchase that is considered a major expense.
 - b. Write a plan that tells how your family would save money for the purchase identified in requirement 1a.
 1. Discuss the plan with your merit badge counselor
 2. Discuss the plan with your family
 3. Discuss how other family needs must be considered in this plan.
 - c. Develop a written shopping strategy for the purchase identified in requirement 1a.
 1. Determine the quality of the item of service (using consumer publications or rating systems).
 2. Comparison shop for the item. Find out where you can buy the item for the best price. (Provide prices from at least two different price sources.) Call around; study ads. Look for a sale or discount coupon. Consider alternatives. Can you buy the item used? Should you wait for a sale?
2. Do the following:
 - a. Prepare a budget reflecting your expected income (allowance, gifts, wages), expenses, and savings for a period of 13 consecutive weeks.
 1. If expenses exceed budget income, determine steps to balance your budget.
 2. If income exceeds budget expenses, state how you would use the excess money (new goal, savings).
 3. Track and record your actual income, expenses, and savings for 13 consecutive weeks (the same 13-week period for which you budgeted). (You may use the forms provided in this pamphlet, devise your own, or use a computer-generated version). When complete, present the records showing the results to your merit badge counselor.
 4. Compare your budget with your actual income and expenses to understand when your budget worked and when it did not work. With your merit badge counselor, discuss what you might do differently the next time.
3. Discuss with your merit badge counselor FIVE of the following concepts:
 - a. The emotions you feel when you receive money.
 - b. Your understanding of how the amount of money you have with you affects your spending habits.
 - c. Your thoughts when you buy something new and your thoughts about the same item three months later. Explain the concept of buyer's remorse.
 - d. How hunger affects you when shopping for food items (snacks, groceries).
 - e. Your experience of an item you have purchased after seeing or hearing advertisements for it. Did the item work as well as advertised?
 - f. Your understanding of what happens when you put money into a savings account.
 - g. Charitable giving. Explain its purpose and your thoughts about it.
 - h. What you can do to better manage your money.
4. Explain the following to your merit badge counselor:
 - a. The differences between saving and investing, including reasons for using one over the other.
 - b. The concepts of return on investment and risk and how they are related.
 - c. The concept of simple interest and compound interest.
 - d. The concept of diversification in investing.
 - e. Why it is important to save and invest for retirement.
5. Explain to your merit badge counselor what the following investments are and how each works:
 - a. Common stocks
 - b. Mutual funds
 - c. Life insurance
 - d. A certificate of deposit (CD)
 - e. A savings account
 - f. A U.S. savings bond
6. Explain to your counselor why people might purchase the following types of insurance and how they work:
 - a. Automobile
 - b. Health
 - c. Homeowner's/renter's
 - d. Whole life and term life
7. Explain to your merit badge counselor the following:
 - a. What a loan is, what interest is, and how the annual percentage rate (APR) measures the true cost of a loan.
 - b. The different ways to borrow money.
 - c. The differences between a charge card, debit card, and credit card. What are the costs and pitfalls of using these financial tools? Explain why it is unwise to make only the minimum payment on your credit card.
 - d. Credit reports and how personal responsibility can affect your credit report.
 - e. Ways to eliminate debt.

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8. Demonstrate to your merit badge counselor your understanding of time management by doing the following:
 - a. Write a "to do" list of tasks or activities, such as homework assignments, chores, and personal projects, that must be done in the coming week. List these in order of importance to you.
 - b. Make a seven-day calendar or schedule. Put in your set activities, such as school classes, sports practices or games, jobs or chores, and/or Scout of church or club meetings, then plan when you will do all the tasks from your "to do" list between your set activities.
 - c. Follow the one-week schedule you planned. Keep a daily diary or journal during each of the seven days of this week's activities, writing down when you completed each of the tasks on your "to do" list compared to when you scheduled them.
 - d. With your merit badge counselor, review your "to do" list, one-week schedule, and diary/journal to understand when your schedule worked and when it did not work. Discuss what you might do differently the next time.
9. Prepare a written project plan demonstrating the steps below, including the desired outcome. This is a project on paper, not a real-life project. Examples could include planning a camping trip, developing a community service project of a school or religious event, or creating an annual patrol plan with additional activities not already included in the troop annual plan. Discuss your completed project plan with your merit badge counselor.
 - a. Define the project. What is your goal?
 - b. Develop a timeline for your project that shows the steps you must take from beginning to completion.
 - c. Describe your project.
 - d. Develop a list of resources. Identify how these resources will help you achieve your goal.
 - e. Develop a budget for your project.
10. Do the following:
 - a. Choose a career you might want to enter after high school or college graduation. Discuss with your counselor the needed qualifications, education, skills, and experience.
 - b. Explain to your counselor what the associated costs might be to pursue this career, such as tuition, school or training supplies, and room and board. Explain how you could prepare for these costs and how you might make up for any shortfall.

Pets

To receive full credit for Pets, please print the Merit Badge requirements from [Pets Worksheets](#) DO YOUR BEST TO READ THE PETS BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 1, 2, and 4. You will also need preapproval prior to starting requirement 3. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be reviewing all requirements.

Photography

To receive full credit for Photography, please print the Merit Badge requirements from [Photography Worksheets](#) DO YOUR BEST TO READ THE PHOTOGRAPHY BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 4, 5, 6, 7, and 8. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Safety. Do the following:
 - a. Explain to your counselor the most likely hazards you may encounter while working with photography and what you should do to anticipate, mitigate, prevent, and respond to these hazards. Explain how you would prepare for exposure to environmental situations such as weather, sun, and water.
 - b. Show your counselor your current, up-to-date Cyber Chip.
2. Explain how the following elements and terms can affect the quality of a picture:
 - a. Light – natural light (ambient/existing), low light (such as at night), and artificial light (such as from a flash)
 - b. Exposure-aperture (f-stops), shutter speed, ISO
 - c. Depth of field
 - d. Composition-rule of thirds, leading lines, framing, depth
 - e. Angle of view
 - f. Stop action and blur motion
 - g. Timing
3. Explain the basic parts and operation of a film camera or digital camera. Explain how an exposure is made when you take a picture.

Public Speaking

To receive full credit for Public Speaking, please print the Merit Badge requirements from [Public Speaking Worksheets](#) DO YOUR BEST TO READ THE PUBLIC SPEAKING BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2. We will go over it, however it will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Give a three- to five-minute introduction of yourself to an audience such as your troop, class at school, or some other group.
3. Give an impromptu talk of at least two minutes, either as part of a group discussion or before your counselor. Use a subject selected by your counselor that is interesting to you but that is not known to you in advance and for which you do not have time to prepare.
4. Select a topic of interest to your audience. Collect and organize information about this topic and prepare an outline. Write an eight to 10-minute speech, practice it, then deliver it in a conversational way.
5. Show you know parliamentary procedure by leading a discussion or meeting according to accepted rules of order; or by answering questions on the rules of order.

Soil and Water Conservation

To receive full credit for Soil and Water Conservation, please print the Merit Badge requirements from [Soil and Water Conservation Worksheets](#) DO YOUR BEST TO READ THE SOIL AND WATER CONSERVATION BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 2d, 3c, 5a, 5b, 6b, 6d, 7a (Search online for guided virtual tours and cite the URL), 7d (Download a soils map and draw the required amendments to the map. Make a PDF), or 7e (Drive within your local area or web search for photos. Describe the problem and what the corrective solution should be). We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Tell what soil is. Tell how it is formed
 - b. Describe three kinds of soil. Tell how they are different.
 - c. Name the three main plant nutrients in fertile soil. Tell how they can be put back when used up.
2. Do the following:
 - a. Define soil erosion.
 - b. Tell why soil conservation is important. Tell how it affects you.
 - c. Name three kinds of soil erosion. Describe each.
3. Do the following:
 - a. Tell what is meant by "conservation practices".
 - b. Describe the effect of three kinds of erosion-control practices.
4. Do the following:
 - a. Explain what a watershed is.
 - b. Outline the smallest watershed that you can find on a contour map.
 - c. Outline, as far as the map will allow, the next larger watershed which also has the smaller one in it.
 - d. Explain what a river basin is. Tell why all people living in a river basin should be concerned about land and water use in the basin.
 - e. Explain what an aquifer is and why it can be important to communities.

5. Do the following:
 - c. Explain how removal of vegetation will affect the way water runs off a watershed.
 - d. Tell how use of forest, range, and farmland affect usable water supply.
 - e. Explain how industrial use affects water supply.
6. Do the following:
 - a. Tell what is meant by "water pollution".
 - c. Tell what is meant by "primary water treatment", "secondary waste treatment", and "biochemical oxygen demand".

Wilderness Survival

To receive full credit for Wilderness Survival, please print the Merit Badge requirements from [Wilderness Survival Worksheets](#). DO YOUR BEST TO READ THE WILDERNESS SURVIVAL BOOKLET (Please get it from your unit library, or PDF off the internet), and complete the following requirements prior to the Video-Conference: 5, 6 and requirement 8 can be videoed. We will go over them, however they will need to be completed before the conference. Contact the counselor prior to the Midway for direction and video-conference app. We will be covering the following requirements:

1. Do the following:
 - a. Explain to your counselor the hazards you are most likely to encounter while participating in wilderness survival activities, and what you should do to anticipate, help prevent, mitigate, or lessen these hazards.
 - b. Show that you know first aid for and how to prevent injuries or illnesses likely to occur in backcountry settings, including hypothermia, heat reactions, frostbite, dehydration, blisters, insect stings, tick bites, and snakebites.
2. From memory list the seven priorities for survival in a backcountry or wilderness location. Explain the importance of each one with your counselor.
3. Describe ways to avoid panic and maintain a high level of morale when lost and explain why this is important.
4. Describe the steps you would take to survive in the following exposure conditions:
 - a. Cold and snowy
 - b. Wet
 - c. Hot and dry
 - d. Windy
 - e. At or on the water
7. Do the following:
 - a. Show five different ways to attract attention when lost.
 - b. Demonstrate how to use a signal mirror.
 - c. Describe from memory five ground-to-air signals and tell what they mean.
9. Explain how to protect yourself from insects, reptiles, bears, and other animals of the local region.
10. Demonstrate three ways to treat water found in the outdoors to prepare it for drinking.
11. Show that you know the proper clothing to wear while in the outdoors during extremely hot and cold weather and during wet conditions.
12. Explain why it usually is not wise to eat edible wild plants or wildlife in a wilderness survival situation.