**Merit Badge Weekend 2018 – Pre Req’s**

* **All Scouts will need a blue merit badge card signed by your Scoutmaster**
* **Note pad and pen(s)**
* **Scout Sprit**
* **Merit badge requirements - https://www.scouting.org/programs/boy-scouts/advancement-and-awards/merit-badges/**
* **Worksheets can be found http://meritbadge.org/wiki/index.php/Merit\_Badge\_Worksheets**

Archery Merit Badge – Range Officer

* Pre – Req’s – None

Architecture – Scott Winkler

* requirement #1.  Under item 1a, tour the downtown of the community you live in or near and make a list of the different types of buildings you see in your town (example: schools, fire station, churches, town hall, commercial buildings, etc.) .  Please bring printed photos of at least five of your favorite buildings to discuss the building time period and style during the class.  The sketch of your favorite building can be prepared before hand or during the class.  Research and be prepared to discuss requirement 1b during the class.

Art – Mandy Lyons

* Pre – Req’s – None

Bugling – David Chace

* Requirements 2b
* Requirement 6

Citizenship in the Community – Robert Hefron

* 2 - It will help to have a map of their town/City to refer to.
* 3 - a - ATTEND A MEETING OF YOUR CITY ,TOWN, OR TOWN/CITY COUNCIL MEETING, OR SCHOOL BOARD MEETING.  They can physically go to the chosen meeting or if they chose they can watch a meeting on local TV , take notes and be ready to discuss
* 4- Choose a local issue important to the citizens of your community.
* 4b- Interview a person from that branch of government regarding 4a. make notes and be prepared to discuss.
* 5- Watch a movie and follow requirement instructions. be prepared to discuss.
* 7- pick an organization, not Scouting, and volunteer 8 hours, be prepared to discuss.
* 8 - prepare for public presentation as outlined in #8.

Citizenship in the Nation - Nicole Pavao

* Requirement #2 - I will accept visits to the required locations as long as they have occurred within the last 6 months. Please be prepared to show proof. It can be a signed brochure from the location, a photo of you there or signed documentation from your troop leader (if it was a troop activity). If you have any questions whether or not something will count, please feel free to reach out to me.
* Requirement #3 - Please watch the national evening news or read the front page of a major daily newspaper five days in a row. Keep a log noting the date, which news you watched / newspaper you read and keep a brief list of the topics addressed. Be prepared to discuss how one of the topics that you learned about impacts your family.
* Requirement #8 - Determine who your two state senators and the member of congress from your congressional district are. Write a letter about a national issue and send it to one of the elected officials. Please bring a copy of the letter with you, proof that it was sent and any responses that you received to the workshop.

Citizenship in the Nation – Kevin Began

* Short Trip In order to complete this Merit Badge, Scouts need to visit certain historic sites.  I plan to take a short ride on Saturday afternoon between 1 and 3 to Plymouth to let the Scouts visit Plymouth Rock (a National Historic Landmark fulfilling requirement 2a) and the National Monument to Our Forefathers (for requirement 2d).  Parents are needed to join us for transportation and walking around Plymouth.  If your parents aren't joining, please complete the attached permission slip so I know that your parents are OK with you visiting Plymouth.
* Get a copy of the Citizenship in the National Merit Badge book and read it.
* Print and bring a copy of the worksheet - <http://usscouts.org/mb/worksheets/Citizenship-in-the-Nation.pdf>
* 5) **DO Requirement 2d**
* Choose a national monument that interests you. Using books, brochures, the Internet (with your parent's permission), and other resources, find out more about the monument. Complete item 2d in the worksheet and be prepared to talk about what you learned, and explain why the monument is important to this country's citizens.
* 6) **DO Requirement 3**
* Watch the national evening news five days in a row OR read the front page of a major daily newspaper five days in a row. Write in the worksheet about the national issues you learned and be prepared to talk about them. Choose one of the issues and explain how it affects you and your family.
* 7) **DO Requirement 8**
* Name your two senators and the member of Congress from your congressional district and writ it in the worksheet.
* Write a letter to one of these representatives about a national issue.  Bring the letter to our class, along with an addressed/stamped envelope that you will use after the class send it to one of these elected officials, sharing your view with him or her.
* Show any response you get from the senator or Congressman to your Scoutmaster later.

Coin Collecting - Robert Hefron

* 5-b Read newspaper on coin collecting. be prepared to discuss.
* 6- follow instructions and bring 5 different state quarters.
* 7- follow instructions and  bring what you found.
* 9- Do one of four choices . d- may be the most do-able pennies will work nicely.

Collections – Robert Hefron

* 1 - P repair written report prior to attending MB Mania as outlined in requirements.
* 8- research possible career opportunities and be prepared to discuss.

Collections – Kevin Began

* I will need you to do a fair amount of work prior to the class to get your collection organized and prepare to tell me a good deal about your collection.  Your collection can be anything other than coins and stamps because they can only be used for the Coin Collecting and Stamp Collecting Merit Badges. Otherwise, your collection could be Magic Cards, Scout badges, rocks, or whatever you have collected over the years.
* What to Do and Bring
	+ Bring a blue card signed by your Scoutmaster
	+ Get a copy of the Collections Merit Badge book and read it
	+ Print and bring a copy of the worksheet - <http://www.boyscouttrail.com/boy-scouts/meritbadges/collections-merit-badge.asp>
	+ Bring a pen or pencil
	+ **DO Requirement 1**
* Prepare a short written report or outline for your counselor, giving a detailed description of your collection,\* including a short history. Be sure to include why you chose that particular type of collecting and what you enjoy and have learned from your collection.
	+ **DO Requirement 2**
* Explain the growth and development of your collection.
	+ **DO Requirement 3**
* Write in worksheet about your knowledge of preserving and displaying your collection.
* Explain the precautions that you need to take to preserve your collection, including
* Handling, Cleaning, Storage
	+ **DO Requirement 4**
* Write in the worksheet about your knowledge of preserving and displaying your collection.
* Explain the precautions that you need to take to preserve your collection, including
	+ **DO Requirement 5**
* Write in the worksheet about:
* At least 10 terms commonly used in your collection and be prepared to discuss the definition of each.
* Explain how you organized your collection and why you chose that method. (Note: if your collection is too large to transport and your counselor is unable to view your collection directly, photographs should be available to share.)

Communications - Nathaniel Mitkoski

* Scouts should have completed Reqs. 4 and 5 and be ready to discuss their results.
* Req 8 should be completed if possible.

Communications – Sue Low

For one day, Scout keeps a log where he describes all his communication activities. Keeps track of time and different ways he spent communicating (talking person-to-person, listening to teachers/camp counselors/whomever, listening to the radio, a podcast, watching TV, reading books and other print media, using electronic communication devices. He should be prepared to discuss in class what his log revealed about the importance of how he communicates in life. He should be prepared to discuss ways he can improve his communications skills.

Scout chooses a concept, product, or service in which he has great confidence. He then builds a sales plan based on its good points. He should be prepared to present his concept, product or service in our class and see if he can persuade anyone to agree with him to buy or use his concept, product or service. He could sell us on his favorite water, beverage, piece of camping equipment, dessert, whatever! He shouldn’t overthink this.

Scout writes a five-minute speech that he’ll present at MbM in class. What is he passionate about? Camping? Snorkeling? Cats? Dogs? Iguanas? Staying on the Eagle trail? He should practice at home with family or in front of a mirror. He MUST time himself to be sure he’s at five minutes or very near—and he should remove the “and, yeahs” that get thrown in to eat up time.

Scout interviews someone he knows fairly well, likes, or respects because of his or her position, talent, career or life experiences. He should listen actively to learn as much as he can about the person. He then PRETENDS that he’s going to introduce this person to our Communication MB class. What words would he use to get us to stay and hear this ‘person’ speak?  He does his ‘pretend’ introduction in class to show how he’d call this person up to speak.

**Requires preapproval:**  Your Scout attends a public meeting (city council, school board, debate) meeting where several points of view are given on a single issue. He should practice active listening skills and take careful notes of each point of view. He prepares an objective report that includes all points of view that were expressed, and then shares it with us in class. **NOTE: the meeting choice has to be preapproved,** he shouldn’t attend a random meeting to fit this in.

**Requires preapproval:**  send me 2-3 ideas of a skill you’d like to teach OR a topic you’d like to speak about in our class. After your choice is approved (and some things DO get a ‘no’ so don’t prepare before your idea is approved!) you would then prepare 3-4 thrifty teaching aids if they go with teaching a skill. Then teach or inform in Communication class what you got approved (we will have a set time for these—if you’re not ready Saturday then shoot for Sunday).  Speaking about something you want to inform us about CANNOT just be read from pages of paper. Small notes/bullet points are fine, though.  The class then determines whether they learned what you intended. **What gets turned down?** ANY music lesson of any kind; any and all karate/judo moves; teaching a board game. If YOU cannot learn the skill you want to teach in 4-5 minutes then no one else can either—and you wouldn’t get a sign-off on it.   *We want you to be successful.* Just email 2-3 ideas early—if other scouts have asked to teach that skill or speak about that topic you will get a ‘no’. UNSCOUTLIKE topics or skills always get a ‘no’. BRAINSTORM EARLY, ASK EARLY.

**Plan a troop or crew court of honor, campfire program, or an interfaith worship service.**  (Cannot have happened before the date your Scoutmaster-signed Communication MB blue card.)  Have your troop’s PLC approve it, write the script and prepare the program; you serve as master of ceremonies. This may not be doable by September 8 but the fall will be here sooner than we think!

**Learn about Communication careers.** Think about a job where you *communicate;* whatinterests you?  Sports reporter? TV news anchor? Talk show host?  Teacher? Hotel manager? Scout Executive?  Find out about **three career opportunities** in the field of communication and **choose one.** Find out what education, training, and experience you need for this profession. Bring your notes with you to Communication MB class and discuss.

Digital Technology - Don Mack

* 1. Up-to-date Cyberchip (completed within the last year)
* 2. Three items for Requirement 6 ( <http://meritbadge.org/wiki/index.php/Digital_Technology>).
	+ We probably won't have wi-fi access so please bring a notebook computer with the saved documents. You should be able to view saved Google Docs offline, though if you plan to do this, check to make sure you can access your documents before class. Optionally, you may also want to bring a smart phone with data.

Engineering

* Pre – Req’s – None

Exploration – Peter Low

* 1.a. Define exploration and explain how it differs from adventure travel, trekking or hiking, tour-group trips, or recreational outdoor adventure trips.
* 1.b. Explain how approaches to exploration may differ if it occurs in the ocean, in space, in a jungle, or in a science lab in a city.
* 2. History of Exploration. Discuss with your counselor the history of exploration. Select a field of study with a history of exploration to illustrate the importance of exploration in the development of that field (for example, aerospace, oil industry, paleontology, oceanography, etc.).
* 4. Real-Life Exploration. Do ONE of the following:
	+ a. Learn about a living explorer. Create a short report or presentation (verbal, written, or multimedia slide presentation) on this individual’s objectives and the achievements of one of the explorer’s expeditions. Share what you have learned with your counselor and unit.
	+ b. Learn about an actual scientific exploration expedition. Gather information about the mission objectives and the expedition’s most interesting or important discoveries. Share what you have learned with your counselor and unit. Tell how the information gained from this expedition helped scientists answer important questions.
	+ c. Learn about types of exploration that may take place in a laboratory or scientific research facility (medicine, biology, chemistry, physics, astronomy, etc.). Explain to your counselor how laboratory research and exploration are similar to field research and exploration.
* 5. Exploration in Lab and Field. Do ONE of the following, and share what you learn with your counselor:
	+ a. With your parent’s permission and counselor’s approval, visit either in person or via the internet an exploration sponsoring organization (such as The Explorers Club, National Geographic Society, Smithsonian Institution, Alpine Club, World Wildlife Fund, or similar organization). Find out what type(s) of exploration the organization supports.
	+ b. With permission and approval, visit either in person or via the internet a science lab, astronomical observatory, medical research facility, or similar site. Learn what exploration is done in this facility
* 9. Career Opportunities. Identify three career opportunities in exploration. Pick one and explain to your counselor how to prepare for such a career. Discuss what education and training are required, and why this profession might interest you.

Family Life – Sue Low

* After you have your Scoutmaster-signed blue card, make a list of your **regular home duties or chores**(you must have ***at least* five**) and start doing them regularly for 90 days. *Don’t have chores? GET SOME!*Then record how often you do each. Again, **five is the magic number**(NOTE: personal care tasks ARE NOT chores).  Be prepared to discuss your chores in class and how your actions (doing them) benefit your family. What if you DON’T do them? Be prepared to discuss what happens if they don't get done OR if someone else covers for you. **NOTE: 90-day chore list cannot begin until the date you have your Family Life blue card signed by your Scoutmaster.**
* **PERSONAL PROJECT**With the approval of your parents/guardians and Family Life MB counselor decide on and carry out a personal home project that would benefit your family. Is there a closet that REALLY needs organizing? Perhaps a huge stack of toys and games that no one ever plays with any more needs to be donated or restacked?  Maybe the garden is overwhelmed by weeds?  **Get your project idea approved BEFORE you do it, or I can't give you credit for it**. Send me 1-3 ideas for a personal project you would like to do but DON'T GO HUGE. Maybe your family car(s) need cleaning inside and out?  *Think outside the box if you like!*  (After you get my approval take before and after pictures of your work. Have someone photograph you doing some of it and bring PRINTS with you on Saturday.  These kinds of visuals make for a fun class!  We cannot pass a cell phone, tablet, or laptop around for ANY reason so please leave those at home or in your tent!  OR... do this requirement in the coming months but it still needs preapproval.  If you send a personal project to me by email this week and you complete it, be ready at Merit Badge Mania to discuss how it benefited your family.  Bring prints of your work to Family Life class.  THIS IS REALLY A FUN PART OF THIS CLASS—SEEING WHAT EVERYONE ELSE DID FOR THEIR PROJECT so see what you can come up with. NOTE:  Scouts under 18 may not use power tools for any reason so please don’t ask to chop down 20-30 year old trees in your hard or the like; thanks! What things won’t I approve?  Oven-cleaning, fridge-cleaning, doing the family’s week of dirty vacation laundry, anything easy.  What would I approve?  Reorganizing a large pantry, a laundry room, something bigger with impact. Think it up and run it past me. I’m reasonable but a ‘walk’ won’t do it for me.
* **FAMILY PROJECT.** Plan and carry out a project that involves the participation of your family (at least 1-2 other people besides you). Take pictures!  After completing the project, be ready to discuss the following in class:

What was the objective or goal of the family project?
How did individual members of your family participate?
What were your end results of the project?
Bring prints of the family participating to class!

(We cannot pass around a cell phone, tablet, etc. for any reason so please leave them in your tent.)
* **FAMILY MEETING! FAMILY MEETING!**  Does your family have family meetings? When do they happen?  (My family eats dinner together nearly every night so there’s always ‘topics’ discussed then BUT occasionally a real ‘pow wow’ needs to be called!  Family meetings often make for a smooth home life. Hold a family meeting (or two) and cover these topics below:
	+ Avoiding substance abuse, including tobacco, alcohol, and drugs, all of which negatively affect your health and well-being
	+ Understanding the growing-up process and how the body changes, and making responsible decisions dealing with sex

	3. How your chores in requirement 3 contributed to your role in the family
	+ Personal and family finances
	+ A crisis situation within your family
	+ The effect of technology on your family
	+ Good etiquette and manners

Geology Gary Hemphill

* Pre – Req’s – None

Golf Cory Ferreira

* Pre – Req’s – None

Landscape Architecture – Scott Winker

* Do requirement #3, bringing in labeled pictures or labeled sample cuttings from selected plants.

Medicine - Correy Ferreira

* Pre – Req’s – None

Mining in Society – Gary Hemphill

* Pre – Req’s – None

Music – David Chace

* Requirement 3a or b or c (3d will be done in class)
* Requirements 4a, or b, or c (be prepared to lead the group in singing 3 songs, or play your own composition, or demonstrate the instrument you make).

Personnal Management – Nathaniel Mitkowski

* Pre – Req’s – None

Programming – Don Mack

* Up-to-date Cyberchip (completed within the last year).
* Programs for Requirement 5 (<http://meritbadge.org/wiki/index.php/Programming>).
	+ We probably won't have wi-fi access so please bring a notebook computer with the saved programs. Optionally, you may also want to bring  a smart phone with data.
* sample programs for Requirement 5 of the Programming Merit Badge -  <https://boyslife.org/merit-badges/programming-merit-badge/>.

Public Health – Rebecca Lubelczky

* Pre – Req’s – None

Public Speaking – Correy Remedis

* You will need to complete Requirements 1.
* You will need to complete Requirements 2
* You will need to complete Requirements 4

Radio – Ed Scallon

* Pre – Req’s – None

Rifle Shooting – Range Officer

* Pre – Req’s – None

Robotics – Don Mack

* Knowledge of building and programming Lego Mindstorms robots (<https://www.lego.com/en-us/mindstorms/learn-to-program>) is helpful but not required.

Safety - Correy Remedis

* Safety Merit Badge Worksheet:   <http://meritbadge.org/wiki/images/f/fd/Safety.pdf>
* You will need to complete Requirement 2a and 2b at home prior to this class, to complete the merit badge.  The Safety Checklist needed for this requirement is on the last page of the workbook (it is 2 sided!).

Scouting Heritage – Robert Hefron

* Pre – Req’s – None

Scouting Heritage – Kevin Began

* Although we will complete almost all the requirements during the class, please note that Requirement 4 is difficult for those who have not attended a national jamboree.  During class, we will complete letters that will be mailed under 4b to the National Scouting Museum so you can obtain information about the facility.  The Museum will mail information back to you.  I will ask that you show that information to your Scoutmaster and give a presentation about what you learned about the Museum so he can sign off on the card.
* What to Do and Bring
	+ - * Bring a blue card signed by your Scoutmaster
			* Get a copy of the Scouting Heritage Merit Badge book and read it
			* Print and bring a copy of the worksheet - <http://www.boyscouttrail.com/boy-scouts/meritbadges/scouting-heritage-merit-badge.asp>
			* Bring a pen or pencil
			* **DO Requirement 5** Learn about the history of your unit or Scouting in your area. **Interview at least two people (one from the past and one from the present) associated with your troop.**These individuals could be adult unit leaders, Scouts, troop committee members, or representatives of your troop's chartered organization. Find out when your unit was originally chartered. Create a report of your findings on the history of your troop, and present it to your patrol or troop or at a court of honor, and then add it to the troop's library.
			* **DO Requirement 6**
* Make a collection of some of your personal patches and other Scouting memorabilia. With their permission, you may include items borrowed from family members or friends who have been in Scouting in the past, or you may include photographs of these items. Show this collection to your counselor, and share what you have learned about items in the collection. (There is no requirement regarding how large or small this collection must be.)
	+ - * **DO Requirement 3**
* **Interview at least three people (different from those you interviewed for requirement 5) over the age of 40 who were Scouts**. Find out about their Scouting experiences. Ask about the impact that Scouting has had on their lives.  (If you are not able to do this by Sunday, we will try to have some leaders available to be group interviewed.

Shotgun Shooting – John Cooper