

This year's **Scouts BSA STEM Merit Badge Day** is open to all youth in grades 5-12. The Merit Badge opportunities are for registered Scouts BSA and Venturers (Not Cub Scouts), ages 11-17.

When: February 12, 2022, 12 noon – 4:30 pm.
Where: Virtual
Costs: FREE; registration is required by February 5

General Instructions:

1. Each Scout MUST:

- a. Obtain a Scoutmaster **SIGNED BLUE CARD**.
- b. Pen and paper.
- c. Merit Badge book (**read in advance**)
- d. Proof of completion of pre-requisites.
- e. Scouts need to get their parents/guardians permission to use the internet.

2. Scouts must be in Field (Class A) Uniform.

3. Each Scout **MUST** understand that due to the limited time that all requirements may not be able to be completed during the session. Only the requirements that are met will be signed off.

4. The Internet may be used to teach merit badges by a fully trained adult leader and by sending your scout to the workshop, you are approving the use of the internet.

Review the list of Merit Badge workshops to decide which one you would like to register. Make sure to click on the Merit Badge Requirements hyperlink and review the PDF. Some workshops also have additional class details. After you review and decide which workshop you want to take, then go ahead register.

Click on the PDF to describe the merit badge requirements.

<u>Merit Badge</u>	<u>Qty</u>	<u>Instructor</u>	<u>Location</u>	<u>Merit Badge Requirements</u>	<u>Class Details</u>
Aviation	12	Joe Allen	virtual	Aviation	
Communications	12	Ken Bell	virtual	Communications	Prerequisites: 1, 2, 4, 9
Composite Materials	12	Judy McCullen	virtual	Composite Materials	
Digital Technology	12	Bill Kett	virtual	Digital Technology	Ask your scoutmaster or parent to use scoutbook to request William (Bill) Kett be your Merit Badge Counselor through Scoutbook. This way

					<p>the counselor can sign off the scout for what requirements they have completed.</p> <p>Scouts need to complete the following pre-requisites ahead of time Requirement number 1 and 6. Scouts will need to present/show them to the Merit Badge Counselor at the online workshop.</p>
Graphic Arts	12	Bill Kaigle	virtual	Graphic Arts	
Oceanography	12	Charlie Lawrence	virtual	Oceanography	<p>There are nine (9) requirements for this merit badge, and I'll be covering seven (7) of them during our session; Requirements 1-6 and 9.</p> <p>The other two requirements (7 and 8) are a bit more in depth, and will require you to do some "homework". These requirements are "Do ONE of the following" type of requirements, and I encourage you to explore and choose the one that interests you. If you finish these two requirements before our session on February 12th, then you'll be able to complete the rest of merit badge requirements during our session, and it will be complete! If not, no worries, you can finish them at a later time, and I'll sign off when completed.</p> <p>Remember to have your Oceanography Merit Badge Book and a pen to write with!</p>
Engineering	12	Mark Kautzman	virtual	Engineering	Prerequisites: 2 & 3
Soil and Water Conservation	12	Bob Thompson	virtual	Soil and Water Conservation	
Weather	12	Brian Garland	virtual	Weather	
Energy	12	Jason Ritter	virtual	Energy	<p>Requirements Covered in Class 1b, 2a, 2b, 3a, 3b, 3c, 3d, 6a, 6b, 6c, 6d, 6e, and 7</p> <p>Prerequisites 1a, 4a, 4b, 5a, 5b, and 8</p> <p>Counselor Notes</p> <p>Merit Badge Counselor: Jason Ritter Troop 627 e-mail: jasonpritter@gmail.com Note: Scouts need to copy a parent on any e-mails.</p> <p>Hello Scouts</p>

					<p>The prerequisites for the Energy Merit Badge are 1a, 4a, 4b, 5a, 5b, 8. Scouts will also need to have reviewed the Energy Merit badge pamphlet. Each scout will also need to obtain and bring a signed Blue Card from their Scoutmaster and a printout of the merit badge worksheet.</p> <p>http://usscouts.org/mb/worksheets/Energy.pdf</p> <p>For requirement 1 use the article at the Link</p> <p>https://science.howstuffworks.com/environmental/green-science/5-green-myths.htm/printable</p> <p>If you choose to use a different article for requirement 1, you will need to bring a copy of it to the Merit Badge Class. Use the worksheet to complete requirements 4a, 4b, 5a, and 5b. Requirement 4a takes 14 days so be prepared.</p> <p>Scouts should be able to complete the merit badge in the class if they have all pre-requirements completed. I will keep the blue cards for any scout who does not complete the requirements in class and send them the card once they have completed the requirements.</p> <p>Scouts will also need to get their parents/guardians permission to use the internet.</p>
Fingerprinting	6	Michael Parascando	virtual	Fingerprinting	
Personal Management	12	Mike Beckett	virtual	Personal Management	

Questions?

Scouts between 11 and 17 can contact:

Michael Lane, Michael.Lane@its.uvm.edu, (802)238-0994

Additional Scouting Links:

For more information on scouting, visit: <http://www.scouting.org>

For more information on merit badges, visit: www.scouting.org/BoyScouts/AdvancementandAwards/MeritBadges

Youth Protection training - keeping scouts safe: <http://olc.scouting.org/info/ypt.html>