

# STEM in BAC 2013

Last year Baltimore Area Council hosted a series of merit badge days and made STEM a prominent theme of our Rock the Ridge camporee. We're proud to announce more programs coming soon along with the return of our most successful events. Stay connected head to the council calendar for registration details.

- Martin State Airport Merit Badge Day – March
- Ft. Meade Merit Badge Day – April
- University of Maryland – May
- Aberdeen Proving Grounds Merit Badge Day – September
- Cub Fun Day – November
- STEM Program at V-Week – July 28th to August 3rd
- Nova Award Program at Broad Creek – All Summer at camp Saffran and Oest.

## Calling for Mentors

The Nova award can be done by any leader in the troop or pack. For those achieving a stronger, more independent learning can reach for Supernova. However earning this award requires the oversight of a registered mentor, a knowledgeable adult who is willing to guide the scout toward success. Registration is similar to that of a merit badge counselor and is a no-fee position. Scouts are looking right now for Supernova mentors to help them and we need the help of volunteers who want to share STEM to our aspiring youth. You can find information on the council page at [www.baltimorebsa.org/STEM](http://www.baltimorebsa.org/STEM) or reach out with questions.

## NOVA AWARDS

The Nova award encourages all youth to participate in STEM related activities with their units and community. It isolates each discipline and encourages each topic to be explored individually while advancing in normal BSA program. Each area is worked on separately with a councilor and a pin is awarded for each of the four subjects.



### Cub Scouts

- Science Everywhere! (Science)
- Tech Talk (Technology)
- Swing! (Engineering)
- 1-2-3 Go! (Math)

### Boy Scouts

- Shoot! (Science)
- Start Your Engines (Technology)
- Whoosh! (Engineering)
- Designed to Crunch (Math)

### Venturing

- Launch! (Science)
- Power Up (Technology)
- Hang On! (Engineering)
- Numbers Don't Lie (Math)

## SUPERNOVA AWARDS

Those willing to challenge themselves to a more in-depth program can reach for the Supernova award. This achievement promotes learning from and about STEM related professionals while directly encouraging academic success. Each award may have prerequisite requirements before you may begin and requires an approved & registered adult mentor.

### Cub Scouts

- Dr. Luis W. Alvarez (Wolf & Bears)
- Dr. Charles H. Townes (Webelos)

### Boy Scouts

- Dr. Bernard Harris Award (First Level)
- Thomas Edison Award (Second Level)

### Venturing

- Dr. Sally Ride Award (first Level)
- Wright Brothers Award (Second Level)
- Dr. Albert Einstein Award (Top Level)





## STEM EDUCATION IN SCOUTS

STEM is an acronym that stands for Science, Technology, Engineering, and Math. These four disciplines have been combined in schools to build a better education. Now the BSA is joining on with an initiative named Project STEM. In fact, scouts have already been participating in STEM activities for years. Core merit badges such as orienteering and archery are a few examples of traditional activities that have value in engineering or math. Other badges like computers, engineering, and chemistry can now find a new appeal. In 2011 over 20 councils began testing the Nova and Supernova awards. Baltimore Area Council was proud to be among the first to implement it and in doing so, we've created a handful of special programs offered throughout the year. These Nova awards make a great addition, not replacement, for our scouts. Graduates educated in STEM related fields are growing in demand and are vital a nation's sustainability. Project STEM is designed to help our youth recognize that scout experiences are valuable on an academic level as the Boy Scouts of America work to make our youth "Prepared For Life."



### Prepared. For Life.™

For more information about Project STEM, go to [www.scouting.org/STEM](http://www.scouting.org/STEM)

### Contact Us!

Learn more nationally at [www.scouting.org/STEM](http://www.scouting.org/STEM)

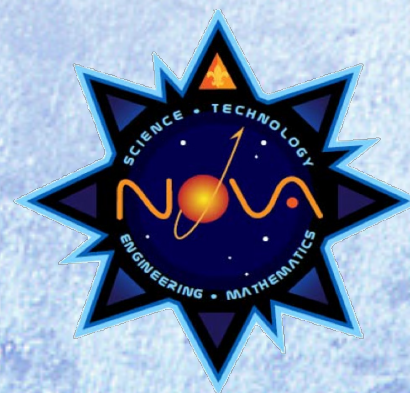
Get up to date council information at [www.baltimorebsa.org/STEM](http://www.baltimorebsa.org/STEM)

Reach out to us personally.  
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# PROJECT STEM 2013



Science,  
Technology,  
Engineering,  
& Mathematics



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