

In our mutual efforts to promote STEM learning, the Laurel Highlands Council and EQT are partnering to offer the [EQT STEM Achievement Award](#) (Click for App). The award may be earned by Scouts who complete four of the following merit badges within a calendar year:

- |                              |                       |
|------------------------------|-----------------------|
| Chemistry                    | Composite Materials   |
| Digital Technology           | Electricity           |
| Electronics                  | Energy                |
| Engineering                  | Environmental Science |
| Fish and Wildlife Management | Forestry              |
| Geology                      | Insect Study          |
| Mammal Study                 | Mining in Society     |
| Nature                       | Nuclear Science       |
| Plant Science                | Programming           |
| Reptile and Amphibian Study  | Robotics              |
| Soil and Water Conservation  | Sustainability        |

### Why?

There is no doubt that a highly educated and skilled labor force is what drives innovation and production. Our future, as we continue to shift to a non-industrial economy, depends on the strength of our scientific infrastructure.

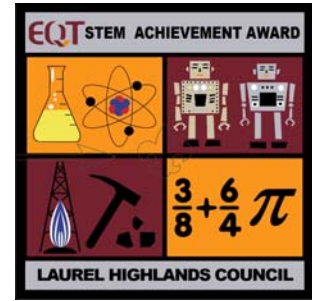
The President's Council of Advisors on Science and Technology reported in February, 2012, that "economic forecasts point to a need for producing, over the next decade, approximately 1 million more college graduates in STEM fields than expected under current assumptions."

By participating in Scouting, boys are exposed to science information deemed important by the National Academy of Science as referenced in the National Science Education Standards. This is because Scouting provides boys the opportunity to be intellectually engaged, absorbed, and challenged; participate in extended interactions (conversations, discussions, exchanges of views); participate in sustained investigation of aspects of their own environment and experiences; take initiative and be responsible for their own accomplishments; overcome obstacles and solve problems; gain confidence in their own intellectual powers; apply developing literacy and numeric skills in purposeful ways; and feel that they belong to a group of their peers.

Please join us in thanking EQT and welcoming their support of our efforts to promote continued STEM learning through the completion of these merit badges. If you are interested in learning more about the **EQT STEM Achievement Award**, or want to apply to receive the honorary patch, please contact Charles Huse at 412-325-7950 or [Charles.Huse@scouting.org](mailto:Charles.Huse@scouting.org).

# EQT STEM AWARD APPLICATION

## LAUREL HIGHLANDS COUNCIL BSA



Requirements: Earn any of the four of the badges listed below within a calendar year. Mail completed application and copies of signed and dated blue cards to Flag Plaza.

Scout Name: \_\_\_\_\_

Troop #: \_\_\_\_\_

District: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

### Merit Badges Earned:

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| _____ Chemistry                    | _____ Insect Study                |
| _____ Composite Materials          | _____ Mammal Study                |
| _____ Digital Technology           | _____ Mining in Society           |
| _____ Electricity                  | _____ Nature                      |
| _____ Electronics                  | _____ Nuclear Science             |
| _____ Energy                       | _____ Plant Science               |
| _____ Engineering                  | _____ Programming                 |
| _____ Environmental Science        | _____ Reptile and Amphibian Study |
| _____ Fish and Wildlife Management | _____ Robotics                    |
| _____ Forestry                     | _____ Soil and Water Conservation |
| _____ Geology                      | _____ Sustainability              |

Scoutmaster Verification \_\_\_\_\_ Date \_\_\_\_\_

Council Verification \_\_\_\_\_ Date \_\_\_\_\_

EQT STEM AWARD  
 c/o Laurel Highlands Council  
 1275 Bedford Ave.  
 Pittsburgh Pa. 15219

NOTE: ALL AWARDS WILL BE MAILED TO APPLICANT

For more information, please contact Charles Huse at 412-325-7950