



## Two NEW Cub Scout Nova Awards

### Fearful Symmetry

"Tyger Tyger, burning bright,  
In the forests of the night;  
What immortal hand or eye,  
Could frame thy fearful symmetry?"

...so begins the poem "The Tyger" by William Blake.

Are your Cub Scouts scared of math? Are they fearful when you suggest earning a Nova in the Math discipline?

There is no reason to be afraid.

"Fearful Symmetry", the newest Cub Scout Nova Award, will let them explore the mathematical world of symmetry, mirrors and patterns.

### Uncovering the Past

Explore the wonders of archaeology! Learn about artifacts, ecofacts, biofacts, and petroglyphs by way of hands-on activities.

One of the optional activities encourages Cub Scouts to explore a trash can (with parental permission and gloves) – to differentiate between artifacts and ecofacts, and to guess how old the layers of trash are!

Another optional experiment involves preserving a hot dog with baking soda. Scouts are cautioned not to eat the hot dog from the experiment!

*Check out the requirements at: <https://bit.ly/2GEBWkh>*

# STEM Awards

There are 18 Nova Awards and 7 Supernova Awards:

## **Cub Scout Nova Awards**

Science Everywhere!  
Swing!  
Tech Talk!  
1-2-3 Go!  
Down and Dirty  
Nova WILD  
Out of this World!  
Fearful Symmetry  
Uncovering the Past

## **Cub Scout Supernova Awards**

Dr. Luis W. Alvarez

## **Webelos Supernova Award**

Dr. Charles H. Townes

## **Boy Scout Nova Awards**

Shoot!  
Start your Engines!  
Whoosh!  
Designed to Crunch  
Let it Grow!

## **Boy Scout Supernova Awards**

Dr. Bernard Harris  
Thomas Edison

## **Venture Scout Nova Awards**

Launch!  
Power Up  
Hang on!  
Numbers Don't Lie

## **Boy Scout Supernova Awards**

Dr. Sally Ride  
Wright Brothers  
Dr. Albert Einstein



**Want to learn more? Visit**

**[www.scouting.org/stem](http://www.scouting.org/stem)**

**Questions? Contact:**

**[stem@ncacbsa.org](mailto:stem@ncacbsa.org) | 240.395.0601**