Webelos Scout SUPERNOVA Award

Purpose: To recognize superior achievement by a Webelos Scout in the field of Science, Technology, Engineering and Mathematics **(STEM)**.

Basic Requirements:

- Webelos Scout.
- Must select a Council approved "mentor" who is a registered Scouter and NOT the parent or unit leader of the candidate.
- If the candidate earned the Cub Scout SUPERNOVA award, similar requirements must be repeated while the candidate is a Webelos Scout.
- Final approval must be by the District NOVA Award Committee or Advancement Committee.

Webelos Activity Badges and other guidelines approved for the Webelos Scout SUPERNOVA Award:

- SCHOLAR, SCIENTIST, FORESTER, GEOLOGIST, NATURALIST, and ENGINEER – these are classified as the "**Science**" Webelos Activity Badges and ALL of these must be earned for the Webelos Scout SUPERNOVA Award.
- All experiments or projects should be conducted using the highest level of safety protocol and always under the supervision of a qualified, responsible adult.

Dr. Charles Townes SUPERNOVA Award (the Webelos Scout SUPERNOVA award):

- Earn ALL six Webelos activity badges from the "**Science**" activity badge list.
- Research facts about Dr. Charles Townes from resources in your school library or on the internet (with you parent's permission and guidance) and report your findings to your mentor.
- Research facts about five other famous scientists, engineers or mathematicians approved by your mentor and report on them to your mentor either verbally or in writing.
- Talk with your teacher(s) at school (or your parents if you are home-schooled) about your interest in earning the Webelos SUPERNOVA award and ask them to give you their views on the importance of math and science in your education. Report what you find out to your mentor.
- Participate in a science fair in your classroom or school or do a special science project approved by your teacher. Report on this activity to your mentor.
- Write a 500 word essay on a career that is heavily involved with science, technology, engineering or mathematics and submit it to your mentor for approval OR visit a person who works in a STEM related career, talk with them and report on this visit to your mentor.
- Conduct an experiment which illustrates the Scientific Method and under the direct supervision of your Mentor and prepare an appropriate report on this for your District NOVA Committee.
- Participate in a **NOVA** or **STEM** related program in your Cub Scout den or pack meeting which is conducted by a Boy Scout or Venturer who is working on his or her SUPERNOVA award.
- **Submit an application to the District NOVA or Advancement Committee for approval.**

Webelos Scout SUPERNOVA Award Recognition Materials: Certificate, Cloth Badge and Medal on ribbon.

Cub Scout SUPERNOVA Award

Purpose: To recognize superior achievement by a Cub Scout in the field of Science, Technology, Engineering and Mathematics **(STEM)**.

Basic Requirements:

- Cub Scout member of a Wolf or Bear Den.
- Must select a Council approved "mentor" who is a registered Scouter and NOT the parent or unit leader of the candidate.
- Final approval must be by the District NOVA Award Committee or Advancement Committee.

Cub Scout Academic Areas and other guidelines approved for Cub Scout SUPERNOVA Award:

- SCIENCE and MATHEMATICS – these must be earned for the Cub Scout SUPERNOVA Award
- ASTRONOMY, COMPUTERS, GEOLOGY, and WEATHER – these are classified as the "**Science**" academic areas and some of these must be earned for the Cub Scout SUPERNOVA Award.
- All experiments or projects should be conducted using the highest level of safety protocol and always under the supervision of a qualified, responsible adult.

Dr. Luiz Walter Alvarez SUPERNOVA Award (the Cub Scout SUPERNOVA award):

- Earn the SCIENCE and MATHEMATICS academic pins, and at least three of the four academic pins from the "Science" academic area list.
- Research facts about Dr. Luiz Walter Alvarez from resources in your school library or on the internet (with you parent's permission and guidance) and report your findings to your mentor.
- Research facts about three other famous scientists, engineers or mathematicians approved by your mentor and report on them to your mentor either verbally or in writing.
- Talk with your teacher(s) at school (or your parents if you are home-schooled) about your interest in earning the SUPERNOVA award and ask them to give you their views on the importance of math and science in your education. Report what you find out to your mentor.
- Participate in a science fair in your classroom or school or do a special science project approved by your teacher. Report on this activity to your mentor.
- Write a 300 word essay on a career that is heavily involved with science, technology, engineering or mathematics and submit it to your mentor for approval OR visit a person who works in a STEM related career, talk with them and report on this visit to your mentor.
- Learn the Scientific Method and report orally on it to your Mentor (or NOVA Committee) using a combination of explanation and demonstration.
- Participate in a **NOVA** or other **STEM** related program in your Cub Scout den or pack meeting which is conducted by a Boy Scout or Venturer who is working on his or her SUPERNOVA award.
- **Submit an application to the District NOVA or Advancement Committee for approval.**

Cub Scout SUPERNOVA Award Recognition Materials: Certificate and Cloth Badge.