



<p>This Supernova award can be earned by Webelos Scouts like you.</p>										
<p>2 Option A(a) Go on a geocaching adventure with your den or family. Show how you used a GPS unit or a smartphone with a GPS application to locate a geocache.</p>										
<p>2 Option A (b) Describe both the benefits and the harm wildfires can cause in a forest ecosystem. Tell how you can prevent wildfire.</p>										
<p>2 Option A (c) Set up an aquarium or terrarium. Keep it for at least a month.</p>										
<p>2 Option B: Do both of the following:</p>										
<p>2 Option B(a) With adult supervision, build and launch a model rocket. Describe how Newton's third law of motion explains how the rocket is propelled into the sky.</p>										
<p>2 Option B(b) While on a campout or night hike, identify five constellations or satellites in the night sky.</p>										
<p>3. Find interesting facts about Dr. Charles H. Townes using resources in your school or local library or on the Internet (with your parent's or guardian's permission and guidance). Then discuss what you learned with your mentor, including answers to the following questions: What very important award did Dr. Townes earn? What was Dr. Townes' most famous invention?</p>										
<p>4. Find out about five other famous scientists, technology innovators, engineers, or mathematicians approved by your mentor. Discuss what you learned with your mentor.</p>										
<p>5. Speak with your teacher(s) at school (or your parents if you are home-schooled) OR one of your Cub Scout leaders about your interest in earning the Webelos Scout Supernova award. Ask them why they think math and science are important in your education. Discuss what you learn with your mentor.</p>										
<p>6. Participate in a science project or experiment in your classroom or school. Discuss this activity with your mentor.</p>										
<p>7. Do ONE of the following:</p>										
<p>7A. Visit with someone who works in a STEM-related career. Discuss what you learned with your mentor.</p>										
<p>7B. Learn about a career that depends on knowledge about science, technology, engineering, or mathematics. Discuss what you learned with your mentor.</p>										
<p>8. Under the direct supervision of your mentor, do an experiment that shows how the scientific method (or scientific process) is used. Prepare a short report on the results of your experiment for your mentor.</p>										
<p>9. Participate in a Nova- or other STEM-related activity in your Webelos Scout den or pack meeting that is conducted by a Boy Scout or Venturer who is working on his or her Supernova award. If this is not possible, participate in another Nova- or STEM-related activity in your den or pack meeting.</p>										

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10. Submit an application for the Webelos Scout Supernova award to the district STEM or advancement committee for approval.										
Completed										
Presented										