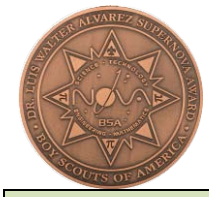
Scout: _____



Dr. Luis W. Alvarez Supernova Award

This Supernova award can be earned by Cub Scouts like you who want to soar in science.

1. Earn the Science AND Mathematics Cub Scout academic pins.			
Date			
2. Earn THREE of the following Cub Scout academic pins: Astronomy, Computers, Geography, Geology, Map and Compass, Nutrition, Pet Care, Photography, Reading and Writing, Video Games, Weather, and Wildlife Conservation.			
Date		Pin 1	
Date		Pin 2	
Date		Pin 3	
3. Find interesting facts about Dr. Luis W. Alvarez using resources in your school or local library or on the Internet. Then discuss what you learn with your mentor, including answers to the following questions:			
What very important award did Dr. Alvarez earn?			
What was his famous theory about dinosaurs?			
Date			
4. Find out about three other famous scientists, technology innovators, engineers, or mathematicians approved by your mentor. Discuss what you learned with your mentor.			
Date			
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 Cub Scout Supernova award. Ask them why they think math and science are important in your education. Discuss what you learn with your mentor.			
Date			
6. Participate in a science project or experiment in your classroom or school OR do a special science project approved by your teacher. Discuss this activity with your mentor.			
Date			
7. Do ONE of the following:			
A. Visit with someone who works in a STEM-related career. Discuss what you learned with your mentor.			
B. Learn about a career that depends on knowledge about science, technology, engineering, or mathematics. Discuss what you learned with your mentor.			
Date		Completed A or B	
8. Learn about the scientific method (or scientific process). Discuss this with your mentor, and include a simple demonstration to show what you learned.			
Date			
9. Participate in a Nova or other STEM related activity in your Cub 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.			
Date			
10. Submit an application for the Cub Scout Supernova award to the district Nova or advancement committee for approval.			
Date			