

Scout: _____



Thomas Edison Supernova Award

1. Earn the Dr. Bernard Harris Supernova Award.			
Date			
2. Complete ONE additional Boy Scout Nova award for a total of four. (Note: This may be done at any time after becoming a Boy Scout.)			
Date		Award	
3. Earn FOUR additional Supernova-approved merit badges from Table 1, other than the four earned while working on the Harris Supernova Award for a total of eight. (Note: These may be earned at any time after becoming a Boy Scout.)			
Date		Merit Badge 1	
Date		Merit Badge 2	
Date		Merit Badge 3	
Date		Merit Badge 4	
4. Complete TWO additional Supernova activity topics, one each in the two STEM areas NOT completed for the Harris Supernova Award. (Note: The intent is that upon completion of the Edison Supernova Award the Scout will have completed one Supernova activity topic in each of the four STEM areas.)			
Date		Topic 1	
Date		Topic 2	
5. Participate in a local, state, or national science fair or mathematics competition OR any other equally challenging STEM-oriented competition or workshop approved by your mentor. An example of this would be an X-Prize type competition. (Note: The intent is that upon completion of the Edison Supernova Award, the Scout will have participated in two such events.)			
Date			
6. Working with your mentor, organize and present a Nova award or other STEM-related program to a Cub Scout den or pack meeting. Be sure to receive approval from the appropriate unit leader. If a Cub Scout den or pack is not available, your presentation may be given to another youth group, such as your troop or at your place of worship. (Note: The intent is that upon completion of the Edison Supernova Award the Scout will have completed two such presentations.)			
Date			
7. Research a scientific, technical, engineering, or mathematical breakthrough or invention of the past 100 years that has affected our society in a meaningful way and present your hypothesis on how it might further affect our society during your lifetime. Present either a 30-minute oral report or a 1,500-word written report to your mentor.			
Date			
8. Submit an application to the district or council Nova or advancement committee for approval.			
Date			

Table 1 Merit badges approved for use in earning the Boy Scout Supernova awards

Animal Science	Energy	Nuclear Science
Archaeology	Engineering	Oceanography
Architecture	Environmental Science	Plant Science
Astronomy	Farm Mechanics	Pulp and Paper
Automotive Maintenance	Fish and Wildlife Management	Radio
Aviation	Forestry	Reptile and Amphibian Study
Bird Study	Gardening	Robotics
Chemistry	Geocaching	Scuba Diving
Composite Materials	Geology	Soil and Water Conservation
Computers	Insect Study	Space Exploration
Dentistry	Inventing	Surveying
Drafting	Mammal Study	Veterinary Medicine
Electricity	Medicine	Weather
Electronics	Nature	Welding