Dr. Albert Einstein Supernova Workbook

Venturers's name	
Address	
Telephone No.	
E-mail (optional)	
Unit No.	
District	
Local council	
Unit leader's name	
Address	
Telephone No.	
Mentor's name	
Address	
Telephone No.	

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	1 Thomas Edison Supernova Award while a registered nova Award while a registered Venturer	l Boy Scout or the W	right	
	s Edison Supernova Award: Date Completed: Brothers Supernova Award: Date Completed:			
the intent is that have completed	R additional Supernova Activity Topics, one each of the upon completion of the Dr. Albert Einstein Supernormal two Supernova Activity Topics in each of the four est for all eight Supernova Activity Topics.	ova Award, the Vent	urer will	
STEM	Supernova Activity Topics		Date	
Areas			Com-	
Science	Environmental Science: New Things from Old		pleted	
Science	Movie "Science": Misconception, Misunderstanding, and Mistakes			
	Household Chemistry: Diet Coke and Mentos Explosions			
Technology	Energy Technology	0010110		
	Communication Technology			
	Entertainment Technology			
Engineering Deconstruct and Analyze: Mechanical Designs				
	Build and Test: High Performance Paper Gliders			
	Design and Redesign: Egg Drop Contest	Design and Redesign: Egg Drop Contest		
Mathematics From Simulations to Real Life: Modeling Bungee Jumping				
	Linking the Past to the Future: Modeling Old Faithful's Next Eruption			
	A Paradox of Counting: Voting Methods and Fair I	Decisions		
or Venturing) of outline for this Approvals for I developed a recommendation of the second s	pose a new Nova Awards topic for any program (Curomparable to the existing Nova award topics at that proposed Nova awards topic and submit it to your management of the comparable to the existing Nova award topic awards topic and submit it to your management of the comparable to your management of the comparable to the comparable to my mentor.	program level. Prep nentor.	are a written	
Applicant's Sig	gnature:	Date:		
Mentor's Signa	ature:	Date:		

Requirement 4

With guidance from your Mentor, select an area of current STEM-related concern and develop a research project or experiment related to that area. This research project or experiment should be challenging and should require a significant investment of time and effort on your part. (A guideline would be approximately 100 hours.) If your mentor is not a specialist in the area of your project or experiment, he or she will solicit assistance from a specialist to serve as a STEM consultant. Execute the project or experiment. Prepare a complete and well-documented written report AND an oral presentation. Present both to your Mentor and your local council Nova committee.

Project Description (STEM area, brief overview, conclusions)				
Approvals for Written Report:				
I have completed the written report on my project/experiment and	presented it to my Mentor and			
local Council Nova committee				
Applicant's Signature:	Date:			
Mentor's Signature:	Date:			
Nova Committee Chair Signature:	Date:			
Approvals for Oral Report:				
I have completed the oral report on my project/experiment and pre-	esented it to my Mentor and local			
Council Nova committee	solitor it to my monet and room			
Applicant's Signature:	Date:			
Mentor's Signature:	Date:			
Nova Committee Chair Signature:	Date:			

Requirement 5

Submit a Supernova award application to the <u>national</u> Nova committee for approval. See http://www.scouting.org/filestore/STEM/pdf/SupernovaApplication.pdf.