Year: 20	The Ohio Academy of Science	}		
Event:	Science Day Judging Card – ENGINEERING		INDI	VIDU
permission of The Ohio Acad	my of Science 2019. All rights reserved. No edits or other modifications may be made emy of Science. Distribution and reproduction for educational purposes is permitted pat's name, space assignment, project title or other administrative information.]			
	e your evaluation of each subsection by placing a checkmark in the approprions ts each section)	ate box.		
Tell me about your pr	VRITTEN, AND VISUAL COMMUNICATION: oject? May I see your report? to consider student abilities (or potential disabilities) in all three types of signing points	Superior (Exceeds)	Excellent (Meets)	Good
<u>Written:</u> Well document results and references) v Written Report (includes	ed design engineering notebook (sketches, photos, iterations, testing data, with clear statement of technical problem and criteria for success AND sunambiguous title, organization, results, conclusions, reflections, correct soth documents are present.			
Oral: Correct and concis of the design process. R	e explanation of project, design and analysis reflecting clear understanding esponses are clear, complete and correct. ion of material, neatly displayed, graphics and legends appropriate to			
project, easy to read and	d understand. Photos and graphics cited. Includes required information.			
Comments /Feedback	(Required):	Points Earned:/10		
		SA [*]	SUPERIOR EXCELLENT GOOD TISFACTORY	9-10 6-7-8 4-5 0-3
	ALITY: Where did you get the idea for your project and and godify any designs that you found and if so, how?	Superior (Exceeds)	Excellent (Meets)	Good
, , , , ,	ciple, design, or non-obvious approach and/or a novel association or			

SECTION #2: ORIGINALITY: Where did you get the idea for your project and prototype? Did you modify any designs that you found and if so, how?	Superior (Exceeds)	Excellent (Meets)	Good
New idea, concept, principle, design, or non-obvious approach and/or a novel association or relationship of previous designs or knowledge. Consider grade level.			
Design effectively addresses problem or need creatively and is design-based rather than a summary of knowledge.			
Comments /Feedback(Required):	Points Earn	ed: /1	.0
		SUPERIOR EXCELLENT GOOD ISFACTORY	9-10 6-7-8 4-5 0-3

SECTION #3: ENGINEERING DESIGN: What design problem are you trying to address	Superior	Excellent	Good
and how did you decide to go about addressing it?	(Exceeds)	(Meets)	
Project addresses a clear, focused engineering design problem or need; criteria for success are			
identified; preliminary designs prepared; prototype is created and tested with results clearly			
communicated. Student identifies and applies established engineering principles in their design.			
student identines and applies established engineering principles in their design.			
Student used materials and processes effectively to correctly build prototype or model.			
Sufficient testing of prototype or model is completed; data is properly measured, presented and analyzed.			
Prototype successfully meets criteria that were established for the project.			
Comments/Feedback (Required):	Points Earn	ed:/1	.0
		SUPERIOR	9-10
	E	SCELLENT GOOD	6-7-8 4-5
	SAT	SFACTORY	0-3
SECTION #4: DEPTH OF UNDERSTANDING: What did you learn about the engineering	Superior	Excellent	Good
and previous designs for your project before and during the process.	(Exceeds)	(Meets)	
Adequate age appropriate background research and/or basic engineering research relevant to the project which provides basis for project.			
Supplements answers with relevant information reflecting knowledge gained during the project.			
Age appropriate use of terms and principles.			
Adequate depth of knowledge and skills in technology systems involved			
Comments/Feedback (Required):	Points Earned:/10		.0
		SUPERIOR	9-10
	ı	EXCELLENT GOOD	6-7-8 4-5
	SAT	SFACTORY	0-3

Total Points Earned (completed by judges)	Overall Rank (CIRCLE)
Section 1: / 10	Superior (36 - 40)
Section 2:/ 10	Excellent (24-35) Good (12-23)
Section 3:/ 10	*Satisfactory (0-11)
Section 4: / 10	
Total: / 40	*Satisfactory rank is not used at State Science Day. Use is optional at Local and District Science Days at the discretion of event administrators.

JUDGE'S Printed Name	Signature	