GRADES K - 5
Judging Criteria
MAKER DIVISION
Engineering Invention Model

ACADEMY OF SCIENCE – ST. LOUIS SCIENCE FAIR

sciencefairstl.org

Row:_____Position:_____

Sequence Number: _____

Project Elements	Description of Criteria	Possible Score	Score
DISPLAY BOARD SCIENTIFIC PROCESS:			
Title & Description	Title of project and overview of project	0-5	
Procedure	Describe the design process. High score would indicate that the project can be repeated after reading.	0-15	
Background	Describe why this project was selected and describe research. Shows evidence student understands project. Explains why project is important or "how can I make this better."	0-10	
Data and identification	• Use photos/charts/graphs /illustrations to show the prototype, model, or invention. • All data should be labeled. • Demonstrates age appropriate use of mathematical and statistical methods. • High score shows data is clear & well labeled. *(Note to student: Items that are valuable or valued by the student are not to be displayed – use photos/illustrations instead)*	0-15	
Conclusion & Reflection	Reflects what the student has learned. Were there any surprises? What would you do differently or to continue the project?	0-15	
LOGBOOK:			
Signed Safety Form & guidelines	All projects are required to have a signed safety form (placed on the inside cover of log book). Students should also provide detailed descriptions on how they followed the safety guidelines in their logbook.	0-10	
Dated Entries	High score indicates that student has written the process, observations and data in log book during the design process.	0-15	
Bibliography	Include Bibliography with at least 3 sources. Sources may be from books, journal articles, websites, interviews and video.	0-5	
OVERALL CREATIVITY/INNOVATION/ENGAGEMENT:			
Creativity/Innovation/ Engagement	Student demonstrates an understanding of the subject matter or innovative/creative way of approaching their project.	0-10	
	Total Possible Score	0-100	
			TOTAL SCORE:_____

REVISED for 2019 Fair