

# GRADES 6-12

ACADEMY OF SCIENCE – ST. LOUIS

Judging Criteria

SCIENCE FAIR

MAKER DIVISION

sciencefairstl.org

Model

Row: \_\_\_\_\_ Position: \_\_\_\_\_

Sequence  
Number: \_\_\_\_\_

Project Elements	Description of Criteria	Possible Score	Score
<b>DISPLAY BOARD &amp; LOGBOOK</b>			
<b>Components for judging can be either in logbook or on poster</b>			
Title & Description	Title of project and overview of project. Include statement of intent to construct a model, such as “How does a solar heater work?” or “I will make a model of the solar system to correct scale.”	0-5	
Asking Questions & Significance of Model	Includes statement reflecting on the significance of the importance of this topic/model.	0-10	
Research	Research the history of your model highlighting important people or discovery. Facts-tells what is known about the topic and explains major terms & definitions Research is age appropriate.	0-15	
Imagine	Student describes possible ways and materials to construct their Model. Student describes “brainstorming” of possible ideas to move forward with their Model.	0-10	
Plan	Clearly states how the design being built works or is scaled. Describe process for Model. Includes detailed process for Model construction. Provides step-by-step easy to understand details of construction. High score would indicate that the project can be repeated after reading.	0-15	
Create & Construct	Quality of Model replicates scale. Illustrations/photos show construction process and finished product. All parts of the model should be clearly labeled and identified. Indicate mathematical scale if applicable. Describe materials used for construction. Includes accurate statement on how model works OR is to scale.  <i>(Note to student: Items that are valuable or valued by the student are <b>not</b> to be displayed – use photos/illustrations instead.)</i>	0-25	
Test and Evaluate	Test and evaluate your model. Student reflects on what he/she has learned. Student demonstrates an understanding of the subject matter.	0-10	
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	
Total Possible Score		0-100	
<b>TOTAL SCORE: _____</b>			