

GRADES 6-12
Judging Criteria
Collection

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	
Problem & Hypothesis	Problem: discusses why collection was made. (Asks a question to be answered while collecting.) Hypothesis: predicts how the characteristics of the collected items can be arranged to show a specific identity, relationship or trend. Bibliography with at least 3 sources	0-10	
Background	History – highlights important people or discovery Significance – explain importance of this collection. Facts-tells what is known about the topic and explains major terms & definitions Method-tells how this topic has been studied before (steps, equipment, measurement).	0-10	
Procedure	Describe process for collection. Includes detailed process for collection. High score would indicate that the project can be repeated after reading.	0-10	
Data and identification	<ul style="list-style-type: none"> Use photos/charts/graphs /illustrations to show collection. All data should be clearly labeled and identify the group, relationship or trend. Demonstrates appropriate application of mathematical and statistical methods. High score shows collection clearly labeled. Collection: high score indicates that student has collected 10 samples or more to demonstrate diversity. <i>(Note to student: Items that are valuable or valued by the student are not to be displayed – use photos/illustrations instead)</i>	0-15	
Results	Diagram or Table clearly labeled to show answer to problem & hypothesis.	0-5	
Conclusion & Reflection	Reflects what the student has learned. Were there any surprises? What would you do differently or to continue the project? Includes statement answering problem and hypothesis.	0-10	
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 process, observations and data in log book during collection. Clearly written with dates and comments.	0-15	
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: _____			