



Score _____/15

Room _____

Teacher _____

Name _____ Grade _____ Project Title _____

STEAM Fair - K & 1st Grade Scoring Rubric

	3 Master Scientist	2 Super Scientist	1 Scientist in Training	0 Not Evident
Research Plan Why did you select the items?	-All written parts of the research plan are complete. - Detailed explanation of collection choice is neat and free of errors; highest quality work is evident.	-All parts of the research plan are complete. -Lacks a detailed explanation of collection choice. -Work is neat but may have some errors.	-Some parts of the research plan may be incomplete or missing; -Plan is evident, but may not be complete or was not followed. -Frequent errors in writing; illegible writing.	-Research plan not complete.
Scientific Thinking What did you sort and what were the different ways you sorted them?	-Student created a collection of one type of object. Example: buttons, leaves, coins, rocks, etc). -Student sorted in an organized manner according to a physical characteristic (Example: color, texture, shape, size, etc.). -Student sorted 4 times by a different characteristic each time.	-Student created a collection of one type of object. Example: buttons, leaves, coins, rocks, etc). -Student sorted in an organized manner according to a physical characteristic (Example: color, texture, shape, size, etc.). -Student sorted 3 times but the physical characteristic chosen may be unclear.	-Student created a collection of one type of object. Example: buttons, leaves, coins, rocks, etc). -Student sorted but it may not be organized according to a physical characteristic (Example: color, texture, shape, size, etc.). -Student resort at least 2 more time but the physical characteristic chosen may be unclear.	-Student did not organize their collection by physical characteristic (Example: color, texture, shape, size, etc.). -Student did not sort, or only sorted 1 way.
Scientist's Data and Results How many did you have in each sort? What was the best way to sort your collection and why?	-Includes detailed numerical data in the form of graphs, charts, tally marks, and or drawings about all four sorted collections. -A clear conclusion about the best way to sort and why is made.	-Includes detailed numerical data in the form of graphs, charts, tally marks, and or drawings about all three sorted collections. -A conclusion about the best way to sort was made.	-Includes numerical data in the form of graphs, charts, tally marks, and or drawings for some sorted collections. -The conclusion was unclear.	-Numerical data in the form of graphs, charts, tally marks, and or drawings about sorted collections were not made. -No conclusion was made.
Visual / Digital Display How will you share your findings?	-Visual / digitally produced display is student produced, organized, and strongly communicates the student findings.	-Visual/digitally produced display is student produced, fairly organized, and communicates the student findings.	-Visual/digitally produced display is student produced, not organized, and does not communicate student findings.	-No visual/digitally produced display was submitted.
Oral Presentation How will you verbally explain your project?	-Student is able to explain the collection, procedure and what was learned without any prompting.	-Student is able to explain the collection, procedure, results, and what was learned; but needed teacher prompting.	-Student has difficulty explaining the collection and what was learned.	-Student is unable to explain the collection.