

Second Annual Hartford Public Schools S.T.E.M. Expo

Traditional Science Fair - PK-5 Judging Rubric*

Judge Number:

	Project Number	Grade	Science Project Title	SCORING					Comment
				10=Excellent Scientific Thought	8=Very Good Creativity/ Inquiry	6=Good Visual Display	4=Fair Student Oral Presentation	2=Needs Improvement Total	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Judging should be based on the following categories, weighted equally.

Scientific Thought: Is the experiment well designed (changes one thing at a time, controlled)? Does it use observation skills (seeing, hearing, touching)? Are comparisons made (sensory, linear, weight, capacity, and quantity)? Do hypothesis show cause and effect? Is data gathered and organized (tables and/or graph)? Is the conclusion supported by data?

Creativity/Inquiry: Is this a creative, unique experiment that promotes inquiry? Were materials used creatively? Does the experiment pose an interesting question?

Display and Component: Are all parts of the experiment complete (e.g., problem, hypothesis, materials, data, analysis, and conclusion)? Does the project show good workmanship, orderliness, neatness, good visuals (drawings, photos)? Does the experiment show evidence of outside research? Is the experiment procedure clear and understandable?

Student Oral Presentation: Does student understand science of project/within student's level of understanding? Can student explain why it is a "fair" test/experiment? Is the oral presentation in a logical order? Can student explain research behind the project? Can student explain importance, connections to real life situations?

*Adapted from the Connecticut Invention Convention Judging Sheet