

Science Fair Project - Model

Student(s):

CATEGORY	Excellent (4)	Good (3)	Almost (2)	Needs Improvement (1)
Topic	Independently identified a concept which was interesting to the student and could be modeled.	Identified, with adult help, a concept which was interesting to the student and could be modeled.	Identified, with adult help, a concept which could be modeled, but needed more development.	Identified a concept that could not be modeled or was not developed.
Supporting Information	Student clearly displays scientific research to complement concept modeled.	Student includes scientific research to complement concept modeled.	Student includes research to support modeled concept, but not clearly, or not enough.	Student includes no scientific research to support concept modeled.
Description of Procedure	Student very clearly shows how s/he assembled the model including a list of materials and steps.	Student shows how s/he assembled the model, including a list of materials and steps.	Student shows how s/he assembled the model, but left out a list of materials or steps.	Student makes little attempt to show how model was assembled.
Material Usage	Student selected materials that were appropriate to the concept, and used them creatively and effectively to enhance our understanding of the topic.	Student selected materials appropriate to the concept, and used them to enhance our understanding of the topic.	Materials may not be appropriate to the concept, and don't enhance our understanding of the topic.	Materials used appear to be carelessly selected and applied, and distract from our understanding of the topic.
Conclusion /Summary <i>Student provided...</i>	... a detailed conclusion clearly based on what is on display, and mentions previous research findings.	... a conclusion clearly based on what's on display and related to the research mentioned.	... a conclusion which doesn't clearly relate to what is on display, or contradicts the research mentioned without explanation.	...no conclusion, OR important details were overlooked.
Display <i>The display's elements...</i>	...each had a function & clearly served to illustrate some aspect of the mode; all items, graphs etc. are neatly and correctly labeled.	...each had a function and clearly served to illustrate some aspect of the model. Most items, graphs etc. were neatly and correctly labeled.	...at times did not clearly illustrate some aspect of the model. Some items, graphs etc. were incorrectly labeled.	... seemed incomplete or random with no clear plan. Many labels were missing or incorrect.
Diagrams	...were accurate and easy-to-follow, enhancing our understanding of the model.	...were accurate and had labels to illustrate the model.	...were mostly accurate, and only slightly enhanced our understanding of the model.	...are absent, very incomplete, or confusing.