

**Science Fair Project - Demonstration**

**Student(s):**

<b>CATEGORY</b>	<b>Excellent (4)</b>	<b>Good (3)</b>	<b>Almost (2)</b>	<b>Needs Improvement (1)</b>
<b>Topic</b>	Independently identified a concept which was interesting to the student and which could be demonstrated.	Identified, with adult help, a concept which was interesting to the student and which could be demonstrated.	Identified, with adult help, a concept which could be demonstrated, but needed more development.	Identified a concept that could not be demonstrated or was not developed.
<b>Supporting Information</b>	Student clearly displays scientific research to complement concept demonstrated.	Student includes scientific research to complement concept demonstrated.	Student includes research to support demonstrated concept, but not clearly, or not enough	Student includes no scientific research to support concept demonstrated.
<b>Description of Procedure</b>	Student clearly shows how s/he assembled the demonstration, including a list of materials and steps.	Student shows how s/he assembled the demonstration, including a list of materials and steps.	Student shows how s/he assembled the demonstration, but left out a list of materials or steps.	Student makes little attempt to show how demonstration was assembled.
<b>Variables optional</b>	Independently identified the variables involved in the demo and labeled them as independent, dependent or controlled.	Identified the variables involved in the demo, and labels them as independent, dependent or controlled, but needed some feedback to accomplish.	Needed much adult support to identify and label the variables involved.	Does not identify or label the variables involved.
<b>Conclusion /Summary</b> <i>Student provided...</i>	... a detailed conclusion clearly based on what is on display & related to previous research findings mentioned.	... 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.
<b>Display</b> <i>The display's elements...</i>	...each had a function & clearly served to illustrate some aspect of the demonstration All items, graphs etc. were neatly and correctly labeled.	...each had a function and clearly served to illustrate some aspect of the demonstration. Most items, graphs etc. were neatly and correctly labeled.	...each had a function and clearly served to illustrate some aspect of the demonstration. Most items, graphs etc. were correctly labeled.	... seemed incomplete or chaotic with no clear plan. Many labels were missing or incorrect.
<b>Diagrams</b>	Provided an accurate, easy-to-follow diagram with labels to illustrate the procedure and the process being studied.	Provided an accurate diagram with labels to illustrate the procedure and the process.	Provided an easy-to-follow diagram with labels to illustrate the procedure or process, but one key step was left out.	Diagram absent or quite incomplete.