

## Soundproof Rubric

Topic	10 points	8 points	6 points	4 points	2 point or less
<b>Soundproofing Material Handout data table</b>	Students completely filled out the data table with all the data correctly labeled.	Students completed data table with the data, but is missing one group of information.	Students completed some of the data table, but it is missing information from two groups.	Students completed some of the data table, but is missing information from three groups.	Students completed a part of the data table, but is missing information from four groups.
<b>Soundproofing Material Handout Bar Graph</b>	Students completely filled out the bar graph with all the data correctly labeled.	Students completed the bar graph with all the data, but is missing one group of information.	Students completed some of the bar graph, but is missing information from two groups.	Students completed some of the bar graph, but is missing information from three groups.	Students completed a part of the bar graph, but is missing information from four groups.
<b>Soundproofing Material Handout graphing analysis questions</b>	Students completely answered all five analysis questions.	Students completed four analysis questions.	Students completed three analysis questions.	Students completed two analysis questions.	Students completed one analysis question.
<b>Post-activity assessment Individual brainstorm</b>	Students completed three brainstorms for soundproof room that have detailed labels describing the materials used.	Students completed three brainstorms for soundproof room but are missing detailed labels to describe materials used.	Students completed two brainstorms for soundproof room that have detailed labels describing the materials used.	Students completed two brainstorms for soundproof room but are missing detailed labels to describe materials used.	Students had one or no brainstorms for soundproof room and no labels were given.
<b>Post-activity assessment Final group design</b>	Students have a completed design with all the materials listed to use.	Students have most of their design completed with majority but not all materials listed used.	Students have half of their design completed with half of their materials used.	Students have 1/4th of their design complete with 1-2 materials used from their design list.	The students' design is not completed with no materials used from their material list.

<p><b>Post-activity assessment materials list completed</b></p>	<p>The quantity, price, and total price listed for each material used in design. Stayed within budget. Included a picture of the design and ACE the following question.</p>	<p>The quantity of each material is given and the price per material is listed but total price has been calculated incorrectly. Stayed within budget. Included a picture of the design and answered ACE the following question.</p>	<p>The quantity of each material is given and the price per material is listed but total price has not been calculated. Or, the picture of the design is missing or did not ACE the following question</p>	<p>The quantity of each material is given and the price per item and total price is not listed. There may not be a picture of the design and/or did not ACE the following question.</p>	<p>The materials list is not filled out and went over budget for challenge. There is no picture of the design and they did not ACE the following question.</p>
<p><b>Post-activity assessment bar graph complete</b></p>	<p>Students have listed the title of the graph, x- and y- axis titles and have filled in all data from the challenge. (units provided)</p>	<p>Students have the title of the graph and have filled in the data from the challenge but are missing the units on the titles.</p>	<p>Students have the title of the graph and have filled in the data from the challenge but are missing x-axis and y-axis titles.</p>	<p>Students have the filled in the data from the challenge and are missing all titles from the graph.</p>	<p>Students have failed to complete any part of the bar graph to display their findings from the challenge.</p>
<p><b>Post-activity assessment graphing analysis questions</b></p>	<p>Students have successfully answered all five questions in complete sentences.</p>	<p>Students have answered four questions in complete sentences.</p>	<p>Students have answered three questions in complete sentences.</p>	<p>Students have answered two questions in complete sentences.</p>	<p>Students have answered one or no questions in complete sentences.</p>
<p><b>Post-activity reflection questions</b></p>	<p>Students have successfully answered all three questions in complete sentences with accurate answers.</p>	<p>Students have most of the information accurate and have used complete sentences.</p>	<p>Students have half of the information accurate or may have used short answers instead of complete sentences.</p>	<p>Students may have a couple accurate answers or may have used short answers instead of complete sentences.</p>	<p>Students have answered one or no questions accurately or in complete sentences.</p>

<p><b>Group Consideration</b></p>	<p>The students communicated effectively with group members. The students contributed to the discussion. The students were respectful of ideas different from their own. All the students helped in making the design and doing the work.</p>	<p>The students communicated effectively with group members for most of the design. The students contributed to the discussion for most of the design. The students were respectful of ideas different from their own for most of the design. The students helped in making the design and doing some of the work.</p>	<p>The students communicated effectively with some group members. The students contributed to some of the discussion. The students were respectful to ideas different from their own. The students helped in some of the making and work of the design.</p>	<p>The students did not communicate effectively with group members. The students contributed to the discussion for some of the design. The students were respectful to some ideas different from their own. The students helped in some of the making and work of the design.</p>	<p>The students did not communicate effectively with group members. The students did not contribute to the discussion. The students were respectful to some ideas that were different from their own. The students did not help in the making and work of the design.</p>
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