

### School STEM Project Rubric

Graded on	Excellent	Moderate	Needs Improvement
Itemized Budget (50% of grade)	<p>-Completed itemized budget shown in spreadsheet form with the headings: Item, Cost, Number of Items, Total Cost. (You may use a calculator or the excel formulas to find their totals.)</p> <p>-Students had an overall total compared to their "budget ceiling." (Such as, we planned to spend \$5,000,000 but only spend \$4,500,000; thus making it seem like they stayed under their budget.)</p> <p>-Students included all of the minimum required items as outlined in the instructions and well as additional items specialized to their school</p> <p>Students may round the cost of the item to the nearest dollar if you want.</p>	<p>-Mostly completed itemized budget shown in spreadsheet form with the headings: Item, Cost, Number of Items, Total Cost. (You may use a calculator or the excel formulas to find their totals.)</p> <p>-Students had an overall total compared to their "budget ceiling." (Such as, we planned to spend \$5,000,000 but only spend \$4,500,000; thus making it seem like they stayed under their budget.)</p> <p>-Students included most of the minimum required items as outlined in the instructions and had some or no additional items specialized to their school</p> <p>Students may round the cost of the item to the nearest dollar if you want.</p>	<p>-Little to no itemized budget shown in spreadsheet form with the headings: Item, Cost, Number of Items, Total Cost. (You may use a calculator or the excel formulas to find their totals.)</p> <p>-Students did not have an overall total compared to their "budget ceiling." OR they just had one of the two.</p> <p>-Students included less than half of the minimum required items as outlined in the instructions and had no additional items</p> <p>Students may round the cost of the item to the nearest dollar if you want.</p>
Model of school (15%)	<p>The model: I am not looking for an exact representation of each item within your school.</p> <p>1. If you choose to create a 3d model:            -Floor plan of school either on computer or hand made            -Floor plan included all rooms sectioned out and students were able to explain the use of each, such as "classroom," "PE," "Auditorium," etc</p> <p>2. If you choose to present by pictures            -Students presented either a handmade show case or on a presenting software such as powerpoint, prezi, etc...</p> <p>-Students had one or more pictures of each type of room in their building (average classroom, PE, Art, Music, Library, etc...)</p>	<p>The model: I am not looking for an exact representation of each item within your school.</p> <p>1. If you choose to create a 3d model:            -Floor plan of school either on computer or hand made            -Floor plan included most rooms sectioned out and students were able to explain the use of most, such as "classroom," "PE," "Auditorium," etc</p> <p>2. If you choose to present by pictures            -Students presented either a handmade show case or on a presenting software such as powerpoint, prezi, etc...</p> <p>-Students had one pictures of each type of room in their building (average classroom, PE, Art, Music, Library, etc...)</p>	<p>The model: I am not looking for an exact representation of each item within your school.</p> <p>1. If you choose to create a 3d model:            -Floor plan of school either on computer or hand made            -Floor plan included less than half or no rooms sectioned out and students were not able to explain the use of each, such as "classroom," "PE," "Auditorium," etc</p> <p>2. If you choose to present by pictures            -Students presented either a handmade show case or on a presenting software such as powerpoint, prezi, etc...</p> <p>-Students had less than one pictures of each type of room in their building (average classroom, PE, Art, Music, Library, etc...)</p>
Energy Conservation (15%)	<p>Students were able to</p> <p>-Explain what type of energy conservation they chose</p> <p>-Give a clear and concise description of the energy conservation, and</p> <p>-Explain why you chose it for your school.</p>	<p>Students were able to</p> <p>-Explain what type of energy conservation they chose</p> <p>-Give a somewhat clear description of the energy conservation, and</p> <p>-Could not give a clear reason why they chose it</p>	<p>Students:</p> <p>-Could not explain what type of energy conservation they chose or showed very little understanding</p> <p>-Did not give a description of the energy conservation, and</p> <p>- Could not give a clear reason</p>

			why they chose it
Presentation (20%)	<p>Included in presentation:            -Students showed their itemized budget (minimum required items from instructions included and they compared what they actually spent to their budget ceiling)            -Presented all parts of the energy conservation: Type of conservation chosen, what it is, and why it was chosen            -Presented a completely finished model of school/presentation of school</p> <p>You are allowed to use a presentation type program such as prezi or powerpoint, but you could also just show your model and budget while talking about the rest.            The presentation should only be about 4-8 minutes long.</p>	<p>Included in presentation:            -Students showed their itemized budget (Most of the minimum required items from instructions included and they compared what they actually spent to their budget ceiling)            -Presented most parts of the energy conservation: Type of conservation chosen, what it is, and why it was chosen            -Presented mostly finished model of school/presentation of school</p> <p>You are allowed to use a presentation type program such as prezi or powerpoint, but you could also just show your model and budget while talking about the rest.            The presentation should only be about 4-8 minutes long.</p>	<p>Included in presentation:            -Students did not show a complete itemized budget (less than half or no minimum required items from instructions were included and they did not compare what they actually spent to their budget ceiling)            -Presented less than half or no parts of the energy conservation: Type of conservation chosen, what it is, and why it was chosen            -Presented an incomplete or no model of school/presentation of school</p> <p>You are allowed to use a presentation type program such as prezi or powerpoint, but you could also just show your model and budget while talking about the rest.            The presentation should only be about 4-8 minutes long.</p>