

## RUBRIC FOR SCIENCE EXPOSITION IN ELECTRICITY AND RENEWABLE ENERGY

Creativity/Originality of Design	Construction Process	Accurate Representation and Appropriately Scaled Model	Use of Energy	Selection of Materials	Degree of Student Involvement
15	10	5	40	20	10
<p><b>14-15</b> The design is extensively innovative or uniquely original.</p>	<p><b>8-10</b> Great care was taken in the construction process so that the model is robust.</p>	<p><b>5</b> Scaled correctly to allow easy interpretation of all design elements.</p>	<p><b>36-40</b> Project utilizes renewable sources of energy.</p>	<p><b>16-20</b> Indigenous and/or recycled materials were appropriately and extensively used in the project. They were creatively portrayed in ways that enhanced understanding about the subject matter.</p>	<p><b>8-10</b> Students displayed a high level of knowledge and were involved in all aspects of the design.</p>
<p><b>8-13</b> The design is to a large extent creative or a variation of an original idea.</p>	<p><b>6-7</b> Construction was careful and accurate for the most part except for one or two details which could have been refined for a more robust product.</p>	<p><b>4</b> Project is clear and scaled so design elements can be interpreted satisfactorily.</p>	<p><b>26-35</b> Project utilizes mainly renewable sources of energy.</p>	<p><b>13-15</b> Indigenous and/or recycled materials were appropriately and extensively used in the project. There was an attempt to use materials in a creative way.</p>	<p><b>6-7</b> Students displayed a moderate level of knowledge and were involved in some aspects of the design.</p>
<p><b>3-7</b> The design is creative but lacks originality.</p>	<p><b>3-5</b> Construction demonstrated some effort, but three or four details could have been refined for a more robust product.</p>	<p><b>3</b> Basic design elements can be interpreted, but scale is inconsistent.</p>	<p><b>16-25</b> Project utilizes mostly non-renewable sources of energy.</p>	<p><b>6-14</b> Some use of indigenous and/or recycled materials.</p>	<p><b>3-5</b> Students displayed a fair level of knowledge and were only involved in a few aspects of the design.</p>
<p><b>1-2</b> The design is neither creative nor original.</p>	<p><b>1-2</b> Construction appears careless and many details need refinement for a robust product.</p>	<p><b>1-2</b> Project is inappropriately scaled therefore design elements cannot be interpreted.</p>	<p><b>1-15</b> Project only utilizes non-renewable sources of energy.</p>	<p><b>1-5</b> Little or no use of indigenous and/or recycled materials.</p>	<p><b>1-2</b> Students displayed a poor level of knowledge and were not involved in any aspect of the design.</p>