

Achievement Criteria Category	Level 1	Level 2	Level 3	Level 4
Knowledge & Understanding	The components of the electrical circuit in the selected room are described with limited accuracy.	The components of the electrical circuit in the selected room are described with some accuracy.	The components of the electrical circuit in the selected room are described with considerable accuracy.	The components of the electrical circuit in the selected room are described with complete accuracy.
Thinking & Investigation	<p>A functional circuit board is designed using limited safety practices.</p> <p>The room that uses the most electricity is identified using limited evidence.</p>	<p>A functional circuit board is designed using some safety practices.</p> <p>The room that uses the most electricity is identified using some evidence.</p>	<p>A functional circuit board is designed using considerable safety practices.</p> <p>The room that uses the most electricity is identified using considerable evidence.</p>	<p>A functional circuit board is designed using correct and accurate safety practices.</p> <p>Evidence is used with a high degree of effectiveness in identifying the room that uses the most electricity.</p>



Unit 4 Inquiry Project Rubric

(continued)

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Communication	<p>Schematic diagrams are drawn with limited accuracy.</p> <p>The details about the components of the circuit are organized with limited effectiveness.</p> <p>The "greener room" is summarized with limited effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.</p>	<p>Schematic diagrams are drawn with some accuracy.</p> <p>The details about the components of the circuit organized with some effectiveness.</p> <p>The "greener room" is summarized with some effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.</p>	<p>Schematic diagrams are drawn with considerable accuracy.</p> <p>The details about the components of the circuit organized with considerable effectiveness.</p> <p>The "greener room" is summarized with considerable effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.</p>	<p>Schematic diagrams are drawn with thorough accuracy.</p> <p>The details about the components of the circuit organized with a high degree of effectiveness.</p> <p>The "greener room" is summarized with a high degree of effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.</p>
Application	<p>The circuit design for the "greener room" is evaluated according to the criteria with limited effectiveness.</p>	<p>The circuit design for the "greener room" is evaluated according to the criteria with some effectiveness.</p>	<p>The circuit design for the "greener room" is evaluated according to the criteria with considerable effectiveness.</p>	<p>The circuit design for the "greener room" is evaluated according to the criteria with a high degree of effectiveness.</p>

