

<b>Achievement Chart Category</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>
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	A functional circuit board is designed using limited safety practices.	A functional circuit board is designed using some safety practices.	A functional circuit board is designed using considerable safety practices.	A functional circuit board is designed using correct and accurate safety practices.
	The room that uses the most electricity is identified using limited evidence.	The room that uses the most electricity is identified using some evidence.	The room that uses the most electricity is identified using considerable evidence.	Evidence is used with a high degree of effectiveness in identifying the room that uses the most electricity.



# Unit 4 Inquiry Investigation Rubric

(continued)

Achievement Chart Category	Level 1	Level 2	Level 3	Level 4
Communication	Schematic diagrams are drawn with limited accuracy.	Schematic diagrams are drawn with some accuracy.	Schematic diagrams are drawn with considerable accuracy.	Schematic diagrams are drawn with thorough accuracy.
	The details about the components of the circuit are organized with limited effectiveness.	The details about the components of the circuit organized with some effectiveness.	The details about the components of the circuit organized with considerable effectiveness.	The details about the components of the circuit organized with a high degree of effectiveness.
	The “greener room” is summarized with limited effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.	The “greener room” is summarized with some effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.	The “greener room” is summarized with considerable effectiveness according to the criteria of using an appropriate visual format and proper scientific vocabulary and conventions.	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.
Application	The circuit design for the “greener room” is evaluated with limited effectiveness to determine energy savings.	The circuit design for the “greener room” is evaluated with some effectiveness to determine energy savings.	The circuit design for the “greener room” is evaluated in detail to determine energy savings.	The circuit design for the “greener room” is evaluated in considerable detail to determine energy savings.

