

Achievement Criteria Category	Level 1	Level 2	Level 3	Level 4
Knowledge & Understanding	Abiotic and biotic components of the ecosystem are described in limited detail.	Abiotic and biotic components of the ecosystem are described in some detail.	Abiotic and biotic components of the ecosystem are described in considerable detail.	Abiotic and biotic components of the ecosystem are described in thorough detail.
Thinking & Investigation	<p>Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with limited effectiveness.</p> <p>Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with limited accuracy.</p> <p>Identified sources of error and suggested improvements in limited detail.</p>	<p>Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with some effectiveness.</p> <p>Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with some accuracy.</p> <p>Identified sources of error and suggested improvements in some detail.</p>	<p>Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with considerable effectiveness.</p> <p>Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with considerable accuracy.</p> <p>Identified sources of error and suggested improvements in considerable detail.</p>	<p>Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with a high degree of effectiveness.</p> <p>Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with a high degree of accuracy.</p> <p>Identified sources of error and suggested improvements in thorough detail.</p>
Communication	Data is recorded and organized with limited effectiveness.	Data is recorded and organized with some effectiveness.	Data is recorded and organized with considerable effectiveness.	Data is recorded and organized with a high degree of effectiveness.

