

Achievement Chart Category	Level 1	Level 2	Level 3	Level 4
Knowledge & Understanding	Biodegradable household products are described in limited detail.	Biodegradable household products are described in some detail.	Biodegradable household products are described in considerable detail.	Biodegradable household products are described in thorough detail.
Thinking & Investigation	No prediction made about the effect of the substance on plant growth.	Made a prediction about the effect of the substance on plant growth.	Made a clear prediction about the effect of the substance on plant growth.	Made a clear, detailed prediction about the effect of the substance on plant growth.
	Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with limited effectiveness.	Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with some effectiveness.	Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with considerable effectiveness.	Designed and executed a procedure controlling appropriate variables and using equipment and materials safely, accurately, with a high degree of effectiveness.
	Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with limited accuracy.	Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with some accuracy.	Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with considerable accuracy.	Analyzed and interpreted qualitative and quantitative data to determine whether evidence supports predictions with a high degree of accuracy.
	Identified sources of error and suggested improvements in limited detail.	Identified sources of error and suggested improvements in some detail.	Identified sources of error and suggested improvements in considerable detail.	Identified sources of error and suggested improvements in thorough detail.
Communication	Written or oral report contains many errors.	Written or oral report contains numerous errors.	A written or oral report summarizes findings.	Well-written or oral report summarizes findings.
	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.
Application	Made little connection between experimental results and waste reduction.	Made some connection between experimental results and waste reduction.	Made connections between experimental results and waste reduction.	Made excellent connections between experimental results and waste reduction.

