

Achievement Chart Category	Level 1	Level 2	Level 3	Level 4
Knowledge & Understanding	Considered few factors that affect rusting of metals.	Considered some factors that affect rusting of metals.	Considered a variety of factors that affect rusting of metals.	Considered numerous factors that affect rusting of metals.
Thinking & Investigation	Prediction made is lacking in clarity.	Prediction is made with some clarity.	Prediction made with considerable clarity.	Prediction for the variable selected made with a high degree of clarity.
	Conducts the experiment, carrying out the procedure safely and recording data accurately with limited effectiveness.	Conducts the experiment, carrying out the procedure safely and recording data accurately with some effectiveness.	Conducts the experiment, carrying out the procedure safely and recording data accurately with considerable effectiveness.	Conducts the experiment, carrying out the procedure safely and recording data accurately in a highly effective manner.
	Identifies sources of uncertainty with limited accuracy.	Identifies sources of uncertainty with some accuracy.	Identifies sources of uncertainty with considerable accuracy.	Identifies sources of uncertainty with a high degree of accuracy.
Communication	Results are communicated with limited effectiveness.	Results are communicated with some effectiveness.	Results are communicated with considerable effectiveness.	Results are communicated with a high degree of effectiveness.
	Few or none graphs and tables are provided.	Graphs and tables provided are lacking in detail and accuracy.	Accurate graphs and tables are provided.	Detailed and accurate graphs and tables are provided.
Application	Makes connections between science, technology, society and the environment with limited effectiveness.	Makes connections between science, technology, society and the environment with some effectiveness.	Makes connections between science, technology, society and the environment with considerable effectiveness.	Makes connections between science, technology, society and the environment with a high degree of effectiveness.

