

Name _____ Class _____ Date _____

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

Topic	At the end of the unit:	
8Ga		
	Describe the physical and chemical properties of metals and relate them to their uses.	* * * * *
	Recall some reactions that happen slowly and some that happen quickly.	* * * * *
	Describe what catalysts do and some applications of catalysts.	* * * * *
	Write word equations for reactions between metals and non-metals.	* * * * *
8Gb		
	Describe what happens when metals react with oxygen.	* * * * *
	State the meaning of corrosion and rusting.	* * * * *
	Explain how barrier methods (e.g. painting) can be used to stop rusting.	* * * * *
	Model reactions using word equations.	* * * * *
	Show the products or reactants in a reaction as formulae.	* * * * *
8Gc		
	Describe the test for hydrogen.	* * * * *
	Write word equations for the reactions of metals with water.	* * * * *
	Use the reactions of metals with water to create an order of reactivity.	* * * * *
8Gd Working Scientifically		
	Explain how to improve the accuracy of an investigation.	* * * * *
	Identify repeated measurements and explain the importance of repeatable, reproducible and reliable data.	* * * * *
8Gd		
	Describe what happens when metals react with acids.	* * * * *
	Write word equations for the reactions of metals with different acids.	* * * * *
	Use the reactions of metals with acids to create an order of reactivity.	* * * * *
	Model simple reactions using symbol equations.	* * * * *
8Ge		
	Describe what happens at a material's melting, freezing and boiling point.	* * * * *
	Describe what is meant by a pure substance and how melting and boiling points can identify pure substances.	* * * * *
	State, with examples, the meaning of an alloy and explain why alloys are made.	* * * * *
	Use models to explain why alloys are stronger than the pure metal.	* * * * *

What could you do to improve? _____