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:	
7Ga		
	Recall some properties of materials.	* * * * *
	Classify materials as solid, liquid or gas.	* * * * *
	Describe the properties of the three states of matter.	* * * * *
	Recognise that solids, liquids and gases need to be handled in different ways because of their different properties.	* * * * *
7Gb Working Scientifically		
	Identify and explain what a scientific question, hypothesis, theory, prediction and observation are.	* * * * *
	Make a prediction that is explained using scientific knowledge.	* * * * *
	Describe how evidence and observations are used to develop a hypothesis into a theory.	* * * * *
	Explain how evidence and observations support or do not support a certain theory.	* * * * *
7Gb		
	Recall that all materials are made out of tiny particles.	* * * * *
	Identify solids, liquids and gases from descriptions and particle diagrams.	* * * * *
	Use particle theory to explain the basic properties of solids, liquids and gases.	* * * * *
	Suggest explanations for observations using particle theory.	* * * * *
	Draw particle diagrams to describe solids, liquids and gases.	* * * * *
7Gc		
	Describe Brownian motion.	* * * * *
	State where Brownian motion can be observed.	* * * * *
	Use particle theory to explain how Brownian motion occurs.	* * * * *
7Gd		
	State what is meant by diffusion.	* * * * *
	Recall some everyday examples of diffusion.	* * * * *
	Use particle theory to explain how diffusion occurs.	* * * * *
7Ge		
	State what is meant by gas pressure.	* * * * *
	Recognise some effects of gas pressure.	* * * * *
	Use particle theory to explain gas pressure.	* * * * *
	Describe how gas pressure can be changed.	* * * * *