

Class Notes

Solids and the Kinetic Molecular Theory

The _____ states that _____ of a _____ are always in motion.

Characteristics of solids

Particles of a solid are more compact than both liquid and gases.	<i>Draw what solid particles should look like:</i>
Solids have a definite shape and volume	Solids unlike liquids or gases doesn't need a container to keep its form
Solids have a definite melting point	
High density	Solids are usually denser than liquids and gases

Date: _____
Objective: SWBAT answer very simple questions

CLASS WORK

Class Work (Independent Practice) Directions: Finish as many questions as you can during class. Refer to your notes and ask at least three classmates before asking me for help. If you do not finish these questions in class, you must finish them for homework.

Directions: Answer the question in the box to the right

What are all solids made of?	
Are particles still or moving?	
Are solids moving?	

4. explain melting

5. what is the difference between amorphous solid and a crystalline solid?

6. Compare and contrast the four types of crystals

7. why do crystalline solids shatter into regular shaped fragments when broken?

8. What are some special properties that a solid has?

9. What is a crystalline solid?

10. what are the two types of solid?

