

Name _____ Date _____ Period _____ Page _____

Changing State - Freezing Notes Sheet

Objective: _____

Key Concepts:

- ❖ _____ is the process that causes a substance to change from a _____ to a _____.
- ❖ Freezing occurs when the molecules of a liquid _____ enough that their attractions cause them to arrange themselves into _____ as a _____.

Changing State - Freezing.... Processing

You have seen molecular model animations of water and ice. Fill out the chart to compare how molecules move in water and ice. Select one of the options in each row and write it under “water” or “ice” in the chart.

Compare molecules in water and ice		
	Water	Ice
Speed of Molecules faster slower		
Amount of Movement remain in fixed positions move past each other		
Arrangement of Molecules very organized random and unorganized		
Distance Between Molecules closer together slightly further apart		

Write captions under the pictures to explain how the movement and position of molecules changes as the water freezes to become ice.

