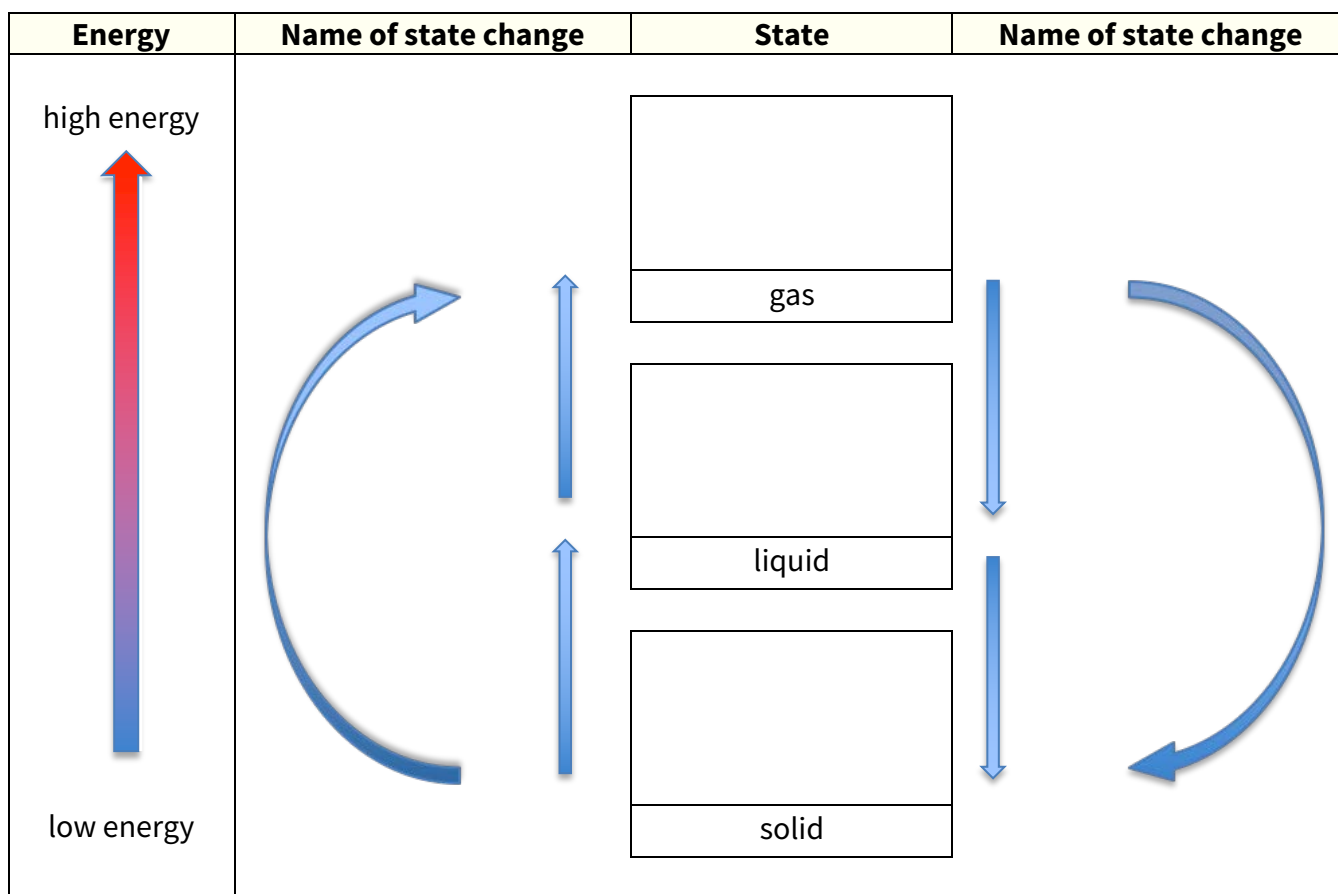


Changes of state

Names of state changes

Complete the chart below. Include the name(s) of each change of state, and three particle diagrams.



Particles and state changes

Complete the table below.

State change	Name for state change	Change in particle energy	Change in particle arrangement
solid to liquid		increases	
	evaporating		still random but further apart
gas to liquid		decreases	
liquid to solid			random to ordered
	boiling		

Extension

Name the two state changes that appear to be the same. _____

Describe a difference between them. _____