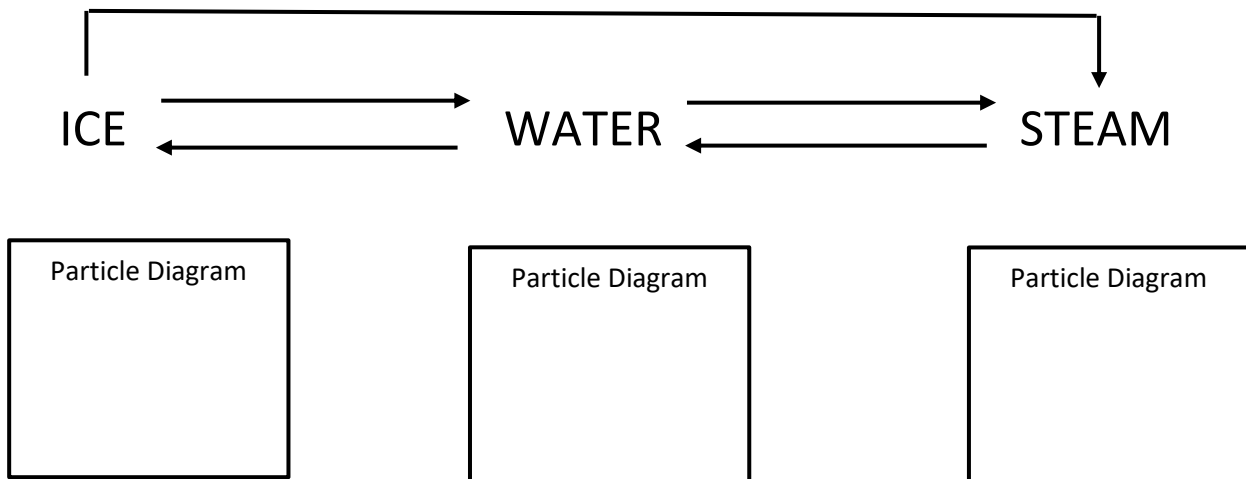


1a States of Matter

1. Complete the diagram to show the arrangement of particles in the 3 states of matter. Write the names of the conversions between states on the arrows



2. Describe the change in arrangement of particles as you go from a solid to a liquid.
3. Describe how the movement of the particles change as you go from a liquid to a gas.
4. Describe how the energy of the particle change as you go from a gas to a liquid.

5. Complete the table to show what state each substance will be at the stated temperature. Use s for solid, l for liquid and g for gas.

Substance	Melting point °C	Boiling point °C	State at -100°C	State at 20°C	State at 200°C
A	57	122			
B	33	86			
C	-34	17			
D	370	509			
E	-212	-196			
F	-78	-45			
G	-28	32			
H	204	364			
I	58	185			
J	-132	-85			
K	-26	11			
L	350	487			