	hysical Science	- Unit: Phases of Matter
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COMPARING PHASES/STATES OF MATTER GRAPHIC ORGANIZER

Particles are also called? pg. 476 ______, _____, _____,

1-Solid : fig.2&3 pg.477	2-Liquid: Liquids Flow pg.478	3-Gas : Gas State pg.478
Describe the particles (movement) KE:	Describe the particles (movement) KE:	Describe the particles (movement) KE:
Describe forces of attraction:	Describe forces of attraction:	Describe forces of attraction:
4 - Draw a picture of particles:	5 - Draw a picture of particles:	6 - Draw a picture of particles:
7 - Shape:	8 - Shape:	9 - Shape:
7 - Volume:	8 - Volume:	9 - Volume:

10 - Solids cont.	11 - Liquids cont.	12 - Gases cont.
Effect of Temperature on Volume:	Effect of Temperature on Volume:	Effect of Temperature on Volume:
10 - Solids cont.	11 - Liquids cont.	12 - Gases cont.
Effect of Pressure on Volume:	Effect of Pressure on Volume:	Effect of Pressure on Volume:

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Particles are also called? pg. 476 atoms, molecules, ions, compounds

1-Solid: fig.2&3 pg.477	2-Liquid: Liquids Flow pg.478	3-Gas: Gas State pg.478
Describe the particles (movement) KE: KE - Kinetiz Energy lowest vibrate in place	Describe the particles (movement) KE: medium KE particle freely move about	Describe the particles (movement) KE: highest KE Particles hardly interact with one another
Describe forces of attraction: FA Strongest of the states of matter	Describe forces of attraction: FA average yet strong enough to keep particles together	Describe forces of attraction: FA
4 - Draw a picture of particles:	5 - Draw a picture of particles:	6 - Draw a picture of particles:
60000° 0000 0000°		
7-Shape: definite defined shape amorphous - malleable, crystalline - plantic highly structured break or shatters	8-Shape: Shape defined by container and gravity viscosity: thick or thin	9-Shape: no definite shape
7 - Volume:	8 - Volume: ML	9 - Volume: Cm3 on mL
definite - low -	> semi-definite	> indefinite
	medium	highest

