

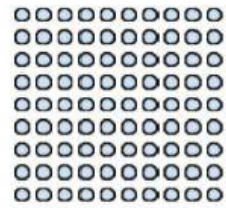
PHASES OF MATTER GRID MIX-UP

DRAW AND DROP FROM PAGE 2 TO FILL IN THE GRID.

Phase	Definition	Properties	Particle Model	2 Examples
Solid				
Liquid				
Gas				

Soda
mercury

- particles farther apart
- particles slide past each other
- higher energy state
- take shape of container



A state of matter that
has definite volume
but NO definite shape

A state of matter that
has NO definite
shape and NO
definite volume



Carbon dioxide
Helium

- particles close together
- particles vibrate
- lowest energy state
- keep shape

- particles even farther apart
- highest energy state
- fill all areas of container

Playdough
pencil

A state of matter that
has definite shape
and definite volume

