

Across

1. change from a gas to a solid
3. the state in which matter has a definite shape and volume
4. state of matter that does not have a definite shape or volume and whose particles have been broken apart
9. change of state from a gas to a liquid
11. change from a liquid to a gas
12. vaporization occurring in a liquid
13. state of matter which takes the shape of its container and has a definite volume

Down

2. change from a solid to a gas
5. change from a solid to a liquid
6. change from a liquid to a solid
7. state in which matter has changes in both shape and volume
8. has mass and takes up space
10. vaporization that occurs at the surface of a liquid below its boiling point

States of Matter