

- **14.** Solid matter does not change \_\_\_\_\_. **15.** The tiny particles that matter is made of are \_\_\_\_\_. **16.** This is a very light gas found in some balloons. 17. Raindrops are this state of matter. **20.** Liquid matter takes the shape of its \_\_\_\_\_. 21. Matter that has a definite shape and volume is in this state. **22.** Water, in solid form is \_\_\_\_\_.
- puddle will \_\_\_\_ and turn into a gas.
- 11. This is the type of gas that animals' bodies need to stay alive.
- 12. This liquid is needed by most cars and trucks to run.
- 18. You might pour this thick, red liquid on a hot dog or hamburger.
- 19. When atoms are in this state of matter, they fly around freely.

Copy this word box on the back of the crossword page, if needed.

## **Matter Crossword - Word Box**

(All words will not be used in the puzzle.)

atoms gas lava oxygen

boils gasoline liquid rock

carbon dioxide hail maple syrup shape

condense helium mass snow

container honey melts solid

evaporate ice metal volume

float

freezes



rogr

## **ANSWER KEY**

## Across

3. The amount of space that matter takes up is its volume
4. This is liquid rock that pours out of a volcano. <a href="lava">lava</a>
<b>8.</b> At 32 degrees Fahrenheit, water <a href="freezes">freezes</a>
9. Water in the form of a gas is called water vapor
13. Solid white flakes of water that fall from the sky are known as snow
<b>14.</b> Solid matter does not change <u>shape</u>
<b>15.</b> The tiny particles that matter is made of are atoms
16. This is a very light gas found in some balloons. helium
17. Raindrops are this state of matter. <u>liquid</u>
20. Liquid matter takes the shape of its container
21. Matter that has a definite shape and volume is in this state. solid



7. The amount of matter something contains is its \_\_\_\_\_\_. mass

**22.** Water, in solid form is \_\_\_\_\_. ice

- 8. If you place a solid in a liquid, it will either sink or \_\_\_\_\_. float
- 10. On a warm day, the liquid water in a puddle will \_\_\_\_\_ and turn into a gas. evaporate
- 11. This is the type of gas that animals' bodies need to stay alive. oxygen
- 12. This liquid is needed by most cars and trucks to run. gasoline
- 18. You might pour this thick, red liquid on a hot dog or hamburger. ketchup
- 19. When atoms are in this state of matter, they fly around freely. gas