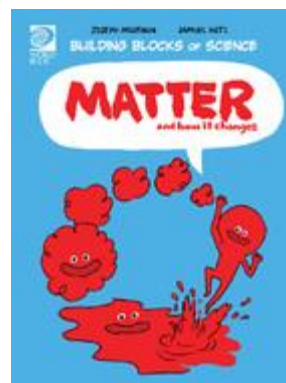


Matter and How It Changes Worksheet

Find under **Nature and Science**



1. What is matter?
2. Name the three basic states of matter?
3. What causes matter to change states?
4. True or false: The state of all matter depends on its temperature.
5. True or false: Matter cannot change back and forth between states.
6. Why does rain turn to snow?
7. What kind of change has a tree gone through to become a piece of a paper?
8. If salt in ocean water is mixed evenly and will not settle at the bottom of the ocean, like sand, how do you separate salt from ocean water?
9. What kind of change occurs to wood when it is burned?
10. Fill in the blanks: Something is changing chemically if it _____ or if it is on _____.
11. What is an example of chemical change?
12. What examples can you think of where you see matter change in your everyday life?

ANSWERS:

1. Everything in the world is made of matter. Matter is made up of tiny particles called atoms.
2. Solids, liquids, and gases.
3. Energy. Energy has the ability to cause change.
4. True
5. False
6. If it is cold enough outside, rain can freeze as it falls, changing from a liquid into a solid – snow.
7. The tree has gone through a physical change.
8. To separate the salt from the water, we need to wait for the sun to evaporate the water.
9. A chemical change.
10. Fill in the blanks: Something is changing chemically if it changes colour or if it is on fire.
11. When humans, plants and animals eat food.
12. Steam in the shower, smoke from a fire, when cooking e.g. baking.