

## THE MATTER

1. Matter is presented in 3 states: \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
2. Matter is defined as anything that has \_\_\_\_\_ and \_\_\_\_\_.
3. If matter changes in size, shape, temperature..., it is a \_\_\_\_\_.
4. If you heat butter, it changes into a liquid state, that is \_\_\_\_\_.
5. When a gas turns into solid: (when frost forms on a car) \_\_\_\_\_.
6. Combustion, \_\_\_\_\_ and \_\_\_\_\_ are chemical changes.
7. When a liquid turns into gas: \_\_\_\_\_.
8. To change something gas into liquid: \_\_\_\_\_.
9. They usually involved the production of gas, heat or light or colour, it refers to \_\_\_\_\_.
10. \_\_\_\_\_ are made up of the **same types of atoms**. They are in the periodic table. Ex: Hydrogen or oxygen.
11. The smallest particle of all matter is the \_\_\_\_\_.
12. \_\_\_\_\_ is a substance made up of two or more elements chemically combined.
13. Choose three examples of homogeneous mixtures from the table below: \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
14. Choose two examples of heterogeneous mixtures from the table: \_\_\_\_\_ and \_\_\_\_\_.
15. \_\_\_\_\_ are physical combinations of two or more pure substances that are **not** chemically combined.

|              |                     |         |                |             |                       |
|--------------|---------------------|---------|----------------|-------------|-----------------------|
| Tea          | Melting             | Mass    | Simple Element | Salty water | Reversible            |
| Mixtures     | Solidification      | Paella  | Sublimation    | Fire        | Physical change       |
| Evaporation  | Jelly               | Volume  | Oxidation      | Air         | Solid, liquid and gas |
| Condensation | Pure Substances     | Boiling | Molecule       | Fruit Salad | Chemical changes      |
| Light        | Reverse Sublimation | Atom    | Compound       | Water       | Fermentation          |