**Pre-Task Chemistry**

**States of matter**

In the table below write down all you know about solids, liquids and gases. Draw a diagram showing the particles for each. Give examples.

|  |  |  |
| --- | --- | --- |
| Solids | Liquids | Gases |
|  |  |  |

**States of Matter**

Name the changes indicated in the diagram.

1. A diagram of a liquid and gas

   Description automatically generated\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Physical and Chemical changes?**

What is the difference between a physical and chemical change?

Given examples of each.

**Chemical Changes**

What evidence is there to indicate that a chemical change has occurred?

**Atoms**

What do you know about atoms?