Logo, company name

Description automatically generated

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Timeline

Description automatically generated with medium confidence**States of Matter-Wall Graphic Student Worksheet**

|  |  |  |
| --- | --- | --- |
|  | **New State of Matter**  Solid-Liquid-Gas | **Process**  Melt-Freeze-Condense-Evaporate |
| **Solid + Energy (heat)** =  Shape  Description automatically generated |  |  |
| **Liquid + Energy (heat) =**  Icon  Description automatically generated Shape  Description automatically generated |  |  |
| **Liquid - Energy (Heat) =**  Icon  Description automatically generated Shape  Description automatically generated |  |  |
| **Gas - Energy (Heat) =**  A close-up of a human brain  Description automatically generated with low confidence Shape  Description automatically generated |  |  |

**Fill in the Blanks.** **Tell what is happening using one of these words.**

Condenses Melts Evaporates

1. When you heat butter, it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. When water vapor in a cloud cools, it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. When a mud puddle disappears outside, the water \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Fill in the blanks with the correct state of matter.**

Solid Liquid Gas

1. The two states of matter that have a definite volume are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. The two states of matter that can flow are: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Circle whether the object is heated or cooled to make the second object.**

|  |  |  |
| --- | --- | --- |
| Flowing Lava 🡪 | **Heated or Cooled** | 🡪 Rock |
| Ice 🡪 | **Heated or Cooled** | 🡪 Water |
| Clouds 🡪 | **Heated or Cooled** | 🡪 Rain / Water |
| Water 🡪 | **Heated or Cooled** | 🡪 Steam |