**Matter #1 Notes and Practice**

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| --- | --- |
| **WHAT IS MATTER?** | **WHAT ISN’T MATTER?** |

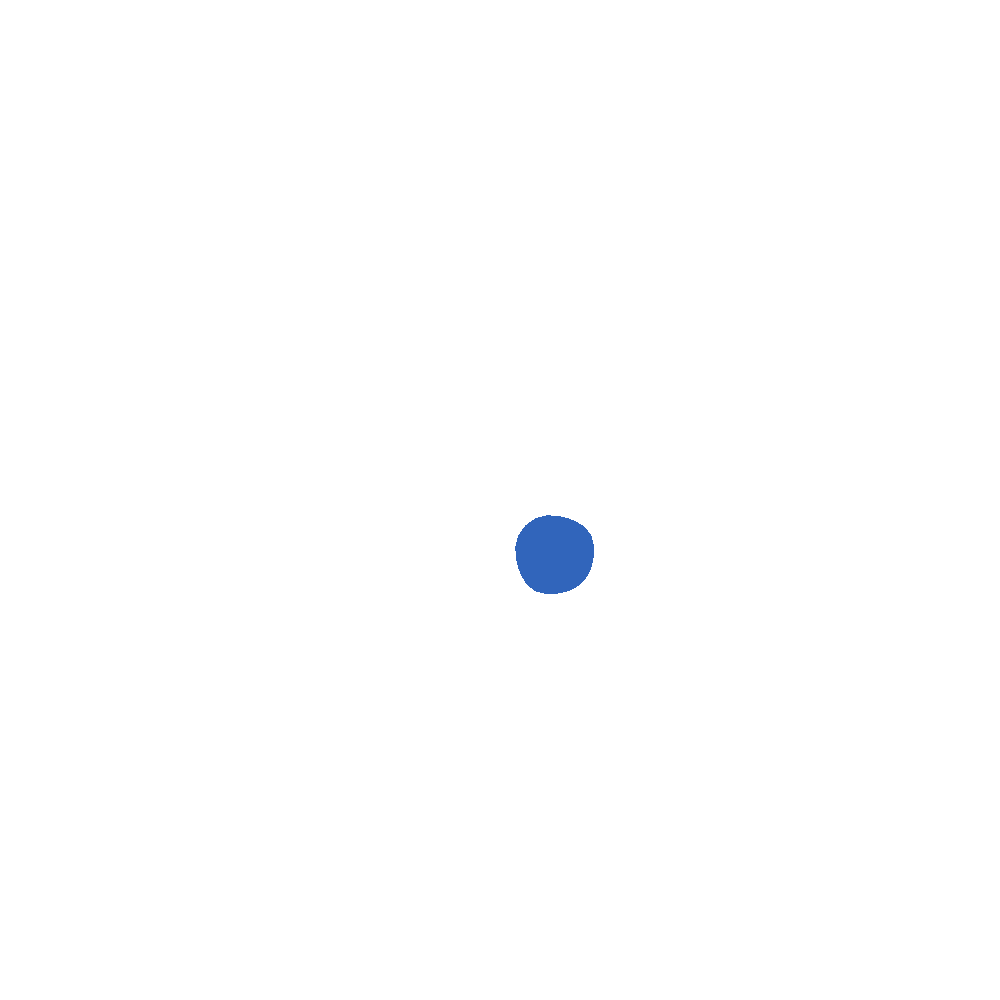
**HOW IS MATTER MEASURED?**

**DEMOS:**

**Demo 1 - Burning Marshmallow** Which parts of the demonstration were matter? Energy?**:**

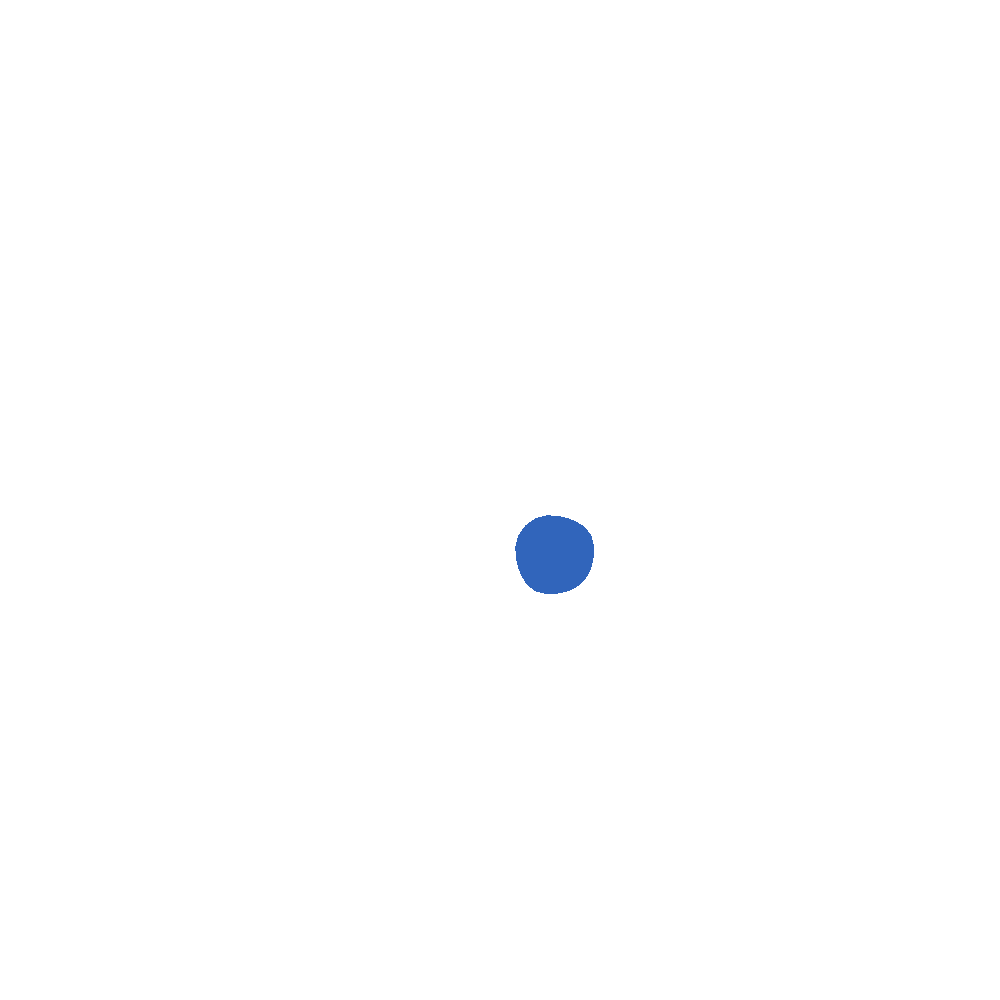
**Demo 2 – Copper II Chloride and aluminum:**

|  |  |  |
| --- | --- | --- |
| Copper II chloride (powder) | Copper II chloride (dissolved in water) | Aluminum |
| Copper II chloride + aluminum | | Temperature? |

Which parts were matter? Energy?

1. DEFINE MATTER – in your own words?
2. Define each of the following (in your own words):
   1. Solids:
   2. Liquids:
   3. Gases:
3. WHAT IS THE DIFFERENCE between MASS and VOLUME?

Practice:

1. *What has more mass:* 
   1. *A basketball or a bowling ball?*
   2. *A helium balloon or a glass marble?*
   3. *A kitten or a cat?* 
2. *What has more volume:*
   1. *A basketball or a bowling ball?*
   2. *A helium balloon or a glass marble?*
   3. *A kitten or a cat?* 
3. Find **2** examples of each state of matter at home. Write them in the space below

SOLIDS AT HOME LIQUIDS AT HOME GASES AT HOME