**Unit 1- S4 Chemical Sciences Task Card**

**Part One:** Fill in this table before you look at the task card resources:

|  |  |  |
| --- | --- | --- |
| **Ice** | **Steam** | **Water from a tap** |
| **Describe it:** | **Describe it:** | **Describe it:** |

**Part Two:** Fill in this table before you look at the task card resources. You will need to draw shapes in the box below to show how the particles look in each state. If you are unable to complete this table on your iPad, draw it out in your FUSE book:

|  |  |  |
| --- | --- | --- |
| **Ice** | **Liquid Water**  | **Steam** |
| **Draw what the particles look like in Ice.** | **Draw what the particles look like in liquid water.** | **Draw what the particles look like in liquid water.** |
| **Is it a solid, liquid or a gas? Why?** | **Is it a solid, liquid or a gas? Why?** | **Is it a solid, liquid or a gas? Why?** |

**Part Three:** You are to design an experiment to take water through different states if matter.

Use the headings listed below to create an experiment that you could do at home, or at school, to make water change from a ***liquid*** to a ***gas***. You will need to look back at tutorial 1 and 2 if you are unsure how to create an experiment, or what goes under each heading.

**Title:**

**Aim:**

**Hypothesis:**

**Materials:**

**Method:**

**Results:**

**Conclusion:**