

Name: _____ Class: _____ Date: _____

We are going to witness a number of changes of state (sometimes called 'Phase Changes'). We will do this with the most common substance on earth that exists naturally in all three states on the planet. Water. We have all seen water in liquid form and seen it melt in our glass. We have seen water freeze (solidify) and we have seen water boil and become an invisible vapour.

Step 1.

We will take Ice and apply heat to make it melt.

Step 2.

We will take water and heat it until it boils.

Step 3.

We will take water vapour and collect it on a cold object to cool the water vapour and have it condense.

Step 4.

We will take the water vapour and collect it on a very cold object to see if we can remove enough heat to see if we can have the water solidify on the object.

