**Snow Experiments!**

**Does snow sink or float?**

**(Video introduction available on the website)**

You will need: some snow, 2 clear containers – one with cold water and one with warm water, food colouring (optional)

* Add some food colouring to 2 spoons of snow – make sure they are different colours
* Drop the snow into the different water and watch what happens!

You will need: some snow or ice, food colouring, a tray, salt

* Spoon your snow or ice into the tray – this can get messy so make sure all of the snow/ice is safely inside the try before you start
* Add drops of food colouring in different places on the snow or ice
* Observe what happens
* Try sprinkling some salt onto the snow or ice and watch what happens now

**(Video introduction available on the website)**

You will need: some snow, some different containers, some different things to mix with the snow, eg. Salt, baking powder, oil, food colouring – anything you fancy!

* Spoon some snow into the different containers and add your chosen things
* Observe what happens to the snow

**(Video introduction available on the website)**

You will need: some snow, a container, a washable pen, a ruler

* Spoon your snow into the container
* Mark on the container where the snow comes up to
* Wait for the snow to melt
* Once it has melted, mark where the water comes up to on the container
* Is it in the same places as the mark you made when it was snow?
* Why might that be?

**Mixing things with snow**

**Rainbow ice/snow**

**How much water is in snow?**