

Science Week 4: Exploring Evaporation

Our activities this week are all aimed at exploring the process of evaporation. You can work together as a family on all of these activities. Please do share your learning with me, so that I can add even more wonderful examples of science at home to our science home-learning gallery!

1. Make salt crystal snowflakes

Click [here](#) to find instructions on how to make salt crystal snowflakes. You will need to begin by making paper snowflakes (not very seasonal, sorry!). The next step is to make a cup of supersaturated salt solution, using hot water (avoid boiling water for safety) with table salt added and stirred in until no more salt can be dissolved. This solution is poured onto the paper snowflake and left. As the water evaporates, crystals of salt will form on the snowflake. Bigger crystals can be formed when the water evaporates more slowly.

2. Grow sugar crystals

Click [here](#) to find instructions on how to grow sugar crystals using wooden skewers or [here](#) to grow them on string. I remember this activity from when I was a child and it was really fun watching the sugar crystals grow! Both websites give instructions for how to make edible treats by growing sugar crystals, but obviously you don't have to eat them! Just make sure that if you are going to eat them that you use edible colouring etc.

3. Make a mini water cycle model

So this activity isn't *just* about exploring evaporation, but will help you to understand the processes in the water cycle. Click [here](#) to find out how to model the water cycle at home in a number of different ways.

I hope you enjoy these activities and please remember to keep sharing your learning with me!

