

Snow Day Activities P6



Snow and Ice Art

Use natural objects to create a **symmetrical pattern** in the snow. Try stones, twigs, berries or leaves. Take a photograph of your creation to share.

Take this activity a step further, by arranging small items in a **symmetrical pattern** in a container which will hold water. Pour in just enough cold water to cover and add a loop of string so you can hang your art outdoors once it has frozen.

If the weather is cold enough to freeze the water (how can you find this out?) leave the container outdoors. Otherwise, you could put it in the freezer.

When it has frozen, remove it from the container and hang up your art for display.



Make Snow Ice Cream

You Will Need:

- 8 cups **very clean**, white snow
- 1 can (397g) condensed milk
- A splash of vanilla essence



Optional Extra:

- Sprinkles
- Cocoa powder or drinking chocolate
- Any other additions you can think of- mini marshmallows? Chocolate chips?

Chill your condensed milk in the fridge to keep everything as cold as possible. You will need to work quickly as it doesn't take long for the snow to start melting.

Add the essence to the condensed milk and give it a good stir. Then pour it over the snow in a big mixing bowl. Quickly combine it with a wooden spoon.

Mix in any of the optional extras that you fancy and serve.

Describing Snow and Ice

Use **similes** and **metaphors** to describe snow and ice.

"As white as..."

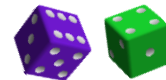
"Glittering like...."

"The snow was a....."

Write your own snow simile poem, describing a snowfall, or playing in the snow.

Indoor Games

Design your own board game. It could have a snow theme, or you could base it on your favourite book or movie. Don't forget to write a set of rules for playing the game.



Snow Science

Collect some snow and divide it up into several containers. Put the containers in different places. Time how long it takes for the snow to melt.

What **factors** might be affecting the speed of melting?

How can you make sure this is a **fair test**? (Can you make sure your containers are the same size and that you have put the same amount of snow in each? How will you check this?). Write down your **observations**.

With a new batch of snow, try adding different things to the snow, such as salt, soil, sand or sugar. Keep all the containers in the **same** place this time. Which ones melt the fastest? Why do you think this is?

Snowflake Symmetry

Snowflakes are symmetrical 6 sided shapes and each one is unique. Can you fold and cut paper squares to create snowflake patterns? This is tricky, because your finished snowflakes must have 6 points/sides, not 8. Can you work out how to fold the paper so that this happens? You may be able to find some instructions online. Try here:

<https://www.instructables.com/How-to-Make-6-Pointed-Paper-Snowflakes/>



Weighing and Measuring Snow

Collect and **weigh** some clean snow. (You will have to weigh the container first, then subtract that from the weight of the container and snow together).

Let it melt and then measure the **volume** of water which you have. Are the two measurements the same or different? If you **weigh** the water, is the weight the same as the snow you started with?

Warm Up With Hot Soup

Make some delicious soup to warm you up after playing outdoors. Try a recipe from here:

<https://www.bbcgoodfood.com/recipes/collection/kids-soup-recipes>

Remember to ask an adult for help when you are using the hob.

Make a Bird Feeder

Wild birds can struggle to find enough food when there is snow covering the ground. Help them out by making a bird feeder. You could try one of these ideas:

<https://www.nationaltrust.org.uk/features/make-a-bird-feeder-from-recycled-materials>

<https://www.bbc.co.uk/cbeebies/makes/bird-feeder>

Hang up your feeders and watch to see if any birds come to visit. Can you find out which types of birds they are?

Star Gazing

If you have a clear, frosty night, go outside and see if you can see any stars.

Can you find any **constellations**? Can you name any of these?

