



It's snow good...we'll have to go and play in it...

Here are some fun ideas for things you can do in the snow on those days when you cannot get to school!

- Build a snow cave or pit. Is it warm? Try making some seats on the inside!
- Look for animal tracks in the snow.
See if you can find the tracks of dogs, cats, birds, and other wildlife in the snow. Check out a book from your local library on animals and animal tracks and see how many different animal tracks you can identify.
- Make a snowman! Give him some buttons, a face, a scarf and a hat and anything else you think he might need. Measure how tall the snowman is in metres and centimetres. Now measure how wide he is. What shapes have you used to make the eyes, nose and mouth? What can you find that is best for making these bits around your house or garden?
- Write an acrostic poem about Winter (find sheet in pack)
 - E.g. Woolly hats, scarves and gloves,
Inside it is warm next to the fire.
Nights are dark,
The days are cold,
Every one is so busy.
Remember to wrap up!
- Practise your number bonds up to 20.
 - Challenge – number bonds up to 100.
- Practise your 1,2,5 and 10 times tables.
 - Challenge – any other times tables.
- Practise your spellings.

- Remember, if you have Internet, you can access all sorts of websites and games from our Class Glow page!
- Try some of the winter experiments, but make sure you have an adult to help you!

If it is too cold outside even to make a snowman, have a go at some of these activities.

- Begin a snow journal. Take pictures (or draw pictures) of the front and back of your home, as well as your surrounding neighbourhood. Include comments about the changes before, during and after the snow has started to fall.
- Make a snowball and weigh it in kilograms. Wait for it to melt and weigh it again – is there any difference between the weight before and after?
- Decide how you would describe to someone in Kenya (look it up to know what the weather is like there) what snow is like, what a blizzard is, how to use a sled, how to build a snowman etc. Think of lots of describing words to help the people in Kenya understand.
- Find the hottest and coldest place in the UK every day – what is the difference in temperature between that location and Insh?
- Practice writing spelling words or times tables in the snow with a stick.
- Family baking and cooking projects are excellent opportunities for pupils to practice reading and following directions, weights and measurements. Plus everyone can enjoy the results.
- Card games, board games and charades - all of these provide great opportunities for strategic thinking and communications while indoors where it's (hopefully) warm.

Other resources...

- If you can get to the Library then this is full of resources that will help your child's learning and keep them busy in the snow days.
- Remember to learn spellings and practice writing sentences.
- Times tables need to be learnt: 2x, 5x and 10x to begin with, and then 3x, 4x, and onwards. This is always a good use of time!

Keep safe and remember – enjoy the snow, we can learn so much from our environment, it never has to be boring!

Snow Angel



- Wrap up REALLY warm :O)
 - Find a fresh area of snow like a blank canvas
 - Lie down on the snow then sweep your arms and legs up and down – this creates the wings and the angel's skirt.
 - Carefully get up – try not to disturb the snow angel shape you've just made.
- * What other shapes can you make – Can you make animals or trees?

See who can make the biggest snow angel.

Decorate the angel by giving it wings, using branches, and a face.

What can you find around you that works best?

Multiplication Tables

Below you can see a multiplication table square. This shows all the times tables from 1 to 12. If you look carefully at the square, you can see many patterns. Your task is to find as many patterns as you can, following the instructions below. Remember to look horizontally (left to right), vertically (up and down), and diagonally.

	1	2	3	4	5	6	7	8	9	1
1	1	2	3	4	5	6	7	8	9	1
2	2	4	6	8	10	12	14	16	18	2
3	3	6	9	12	15	18	21	24	27	3
4	4	8	12	16	20	24	28	32	36	4
5	5	10	15	20	25	30	35	40	45	5
6	6	12	18	24	30	36	42	48	54	6
7	7	14	21	28	35	42	49	56	63	7
8	8	16	24	32	40	48	56	64	72	8
9	9	18	27	36	45	54	63	72	81	9
10	10	20	30	40	50	60	70	80	90	10
11	11	22	33	44	55	66	77	88	99	11
12	12	24	36	48	60	72	84	96	108	12

- Look at the 2 times table. What patterns can you find?
- Look at the 5 times table. What patterns can you find?
- Look at the 10 times table. What patterns can you find?
- Look at the even numbers and the odd numbers in the grid. Are they arranged in a certain way? Why do you think this is?

Challenge:

- Look at the 3 times table. What patterns can you find?
- Try as many of the other times tables as you want!

Multiplication Facts

2 x

$2 \times 0 = 0$

$2 \times 1 = 2$

$2 \times 2 = 4$

$2 \times 3 = 6$

$2 \times 4 = 8$

$2 \times 5 = 10$

$2 \times 6 = 12$

$2 \times 7 = 14$

$2 \times 8 = 16$

$2 \times 9 = 18$

$2 \times 10 = 20$

5 x

$5 \times 0 = 0$

$5 \times 1 = 5$

$5 \times 2 = 10$

$5 \times 3 = 15$

$5 \times 4 = 20$

$5 \times 5 = 25$

$5 \times 6 = 30$

$5 \times 7 = 35$

$5 \times 8 = 40$

$5 \times 9 = 45$

$5 \times 10 = 50$

10 x

$10 \times 0 = 0$

$10 \times 1 = 10$

$10 \times 2 = 20$

$10 \times 3 = 30$

$10 \times 4 = 40$

$10 \times 5 = 50$

$10 \times 6 = 60$

$10 \times 7 = 70$

$10 \times 8 = 80$

$10 \times 9 = 90$

$10 \times 10 = 100$



Say it!

Write it!

Repeat it!

- How quickly can you say your times tables? Time yourself!



2x : _____ minute(s) _____ secs 2x (without looking): _____ minute(s) _____ secs

5x : _____ minute(s) _____ secs 5x (without looking): _____ minute(s) _____ secs

10x : _____ minute(s) _____ secs 10x (without looking): _____ minute(s) _____ secs

- How quickly can you write your times tables? Time yourself!



2x : _____ minute(s) _____ secs 2x (without looking): _____ minute(s) _____ secs

5x : _____ minute(s) _____ secs 5x (without looking): _____ minute(s) _____ secs

10x : _____ minute(s) _____ secs 10x (without looking): _____ minute(s) _____ secs



Winter's Diamonds

If you want to make icicles, don't forget the most important ingredient: a cold winter night. In this fun winter activity, you'll learn how to make winter's diamonds.

What You'll Need:

- Pencil
- Plastic cup
- String
- Water
- Needle or pin

How to Make Winter's Diamonds – Do this with an adult

With an adult, using a sharp pencil, poke three or four holes around the lip of a plastic cup. Tie plenty of string through each hole, then tie the ends of the strings together to make a hanger for the cup.

Use a needle or pin to poke a very small hole in the bottom of the cup. Be careful not to poke yourself.

Fill the cup with water. The water should drip very slowly out of the hole in the bottom. On a cold night, before you go to bed, hang the cup outside on a branch or nail. Overnight, an icicle will form at the bottom of the cup.

Snow Ice Cream - Do this with an adult



Make your own Snow Ice Cream.

What You'll Need:

Clean snow
Bowl
Sugar
Vanilla extract
Milk or cream

How to Make Snow Ice Cream

Scoop some freshly fallen snow into a big, chilled bowl. (Make sure the snow you take is clean and white. If the snow is brown or yellow, it will taste yucky.)

Nestle the bowl in the snow to keep it cold while you make snow ice cream. Add a little sugar, a few drops of vanilla extract, and some very cold milk or cream. Stir together and eat.

You might like to take your tasty treat inside to enjoy by a warm fire. Experiment with different flavors of snow ice cream. Try adding some cinnamon or cocoa powder.

Where's the North Pole? Do this with an adult



Use a pie pan to make your own compass.

What You'll Need:

Pie pan

Water

Dishwashing liquid

Magnet

Needle

1/4-inch slice of cork

Fill a pie pan with water. Add a small amount of dishwashing liquid.

Now you'll need to magnetize a needle. To do this, use a bar magnet with the north end marked. Scrape the needle across the north end of the magnet, from the eye of the needle to its point. Do this about 15 times. It's important to scrape the needle in the same direction every time -- don't rub it back and forth on the magnet.

Carefully poke the needle through a small piece of cork. Float the cork in the middle of the pie pan. Like magic, the needle will always point north.

If you walked far enough in that direction, you'd find yourself at the North Pole! That's because the Earth is like a giant magnet, with one end in the North Pole and the other end in the South Pole.



Do this with an adult.

Make a bird feeder – those birds can really suffer in the cold winter months, so have a go at this: **Recycled Bird Feeder**

You can make your own recycled bird feeder using just a simple used plastic squash or soft drinks bottle, or a used plastic milk carton. Make sure that you thoroughly wash and dry the bottle before use.

Then, leaving the bottle lid on, cut a small hole around half way down the bottle. The hole should be just about big enough so that the birds can access the seeds, and the seed itself can flow down, but not so large that the seed dribbles out at the slightest breeze!

You should also add in a few small holes at the bottom of the bottle, to aid drainage in case any rainwater finds its way into the feeder. A few small holes at the top of the feeder will also encourage ventilation, helping to reduce moisture that may encourage fungal growths.

Then using garden wire, you can make a small hook and fix to the bottle screw cap. The recycled bird feeder can then be hung out on a branch. Make sure that you replace the feeder with a new bottle if it starts to go green or appears mouldy at all.