

Hello Year 3, We hope you are warm, safe and cosy at home.  
Below are a range of fun, creative and practical activities for you to choose from.

### **Maths – Times Tables Practice**

Log in to TTRS and challenge yourself to improve your time and accuracy. Try to beat your previous score and practise recalling facts quickly.

### **English – Winter Scene Writing**

Look outside your window and write a paragraph describing the winter scene. Use your senses – what can you see, hear, feel or smell? Try to include expanded noun phrases, and adverbials of time, place and manner. Use grammarsaurus youtube videos to help remind you if needed.



### **Science – Examine Snowflakes**

Catch snowflakes on black paper and use a magnifying glass to observe them. Are they the same or different? Draw one when you go back inside.

### Miss Bennett's Snowflake Funky Fact!!

Snowflakes are actually six-sided ice crystals, ones that are created in clouds when the temperature is below freezing. In order for you to have good snow for snowmen and snowball fights, the air has to stay cold as the snowflakes fall. Otherwise the ice crystals will melt. But, if the air is too cold throughout the snowflake's descent, the snow will not stick together well enough for snowballs.

### Maths Snowflake symmetry:

#### **Definition of Symmetry**

Symmetry means one half of an object mirrors the other half exactly. Snowflakes exemplify this perfectly.

#### **Symmetry in Nature**

Snowflake symmetry relates to natural patterns also seen in leaves and flowers, encouraging pattern recognition.

#### **Drawing Activity**

Draw snowflakes and identify 2 to 4 lines of symmetry to understand geometric properties.

Create using paper or drawing snowflakes, create lines of symmetry using the art of snowflakes. Can you see repeating patterns? Can you find lines of symmetry?

### Maths in the Snow

Create some different size snowballs and estimate how heavy they are.

Measure the temperature throughout the day – when is the coldest point?

Draw your times tables in the snow or use some objects to make arrays to show them

### Writing: Adaptations to Snow

People adapt to snowy conditions with specialized clothing, transportation, and infrastructure to ensure safety and mobility during winter. Create a how to survive the winter guide. Look into what animals and humans do to adapt to the snowy conditions.

### Comparing Snowfall: UK vs Others

Snowfall in the UK is generally lighter compared to countries like Canada or Russia, due to differences in latitude and climate. Create a leaflet or poster for people to advise on how to stay safe during the wintery conditions.

### Examples of Arctic Animals

Key Arctic animals include the polar bear, Arctic fox, and snowy owl, each with unique survival features. Could you create a set of top trumps cards for the animals and play with a family member?

If it is safe, enjoy the snow! Build a snowman, make snow angels or have a gentle snowball game.

coding- [https://csforall.org/en-US/activities/hour-of-ai?utm\\_source=redirect&utm\\_medium=web&utm\\_campaign=hour-of-ai&utm\\_term=hourofairedirect&utm\\_content=activites](https://csforall.org/en-US/activities/hour-of-ai?utm_source=redirect&utm_medium=web&utm_campaign=hour-of-ai&utm_term=hourofairedirect&utm_content=activites)

Science-<https://lifestyle.howstuffworks.com/family/activities/snow-activities.htm>

Winter crafts- <https://lifestyle.howstuffworks.com/crafts/seasonal>