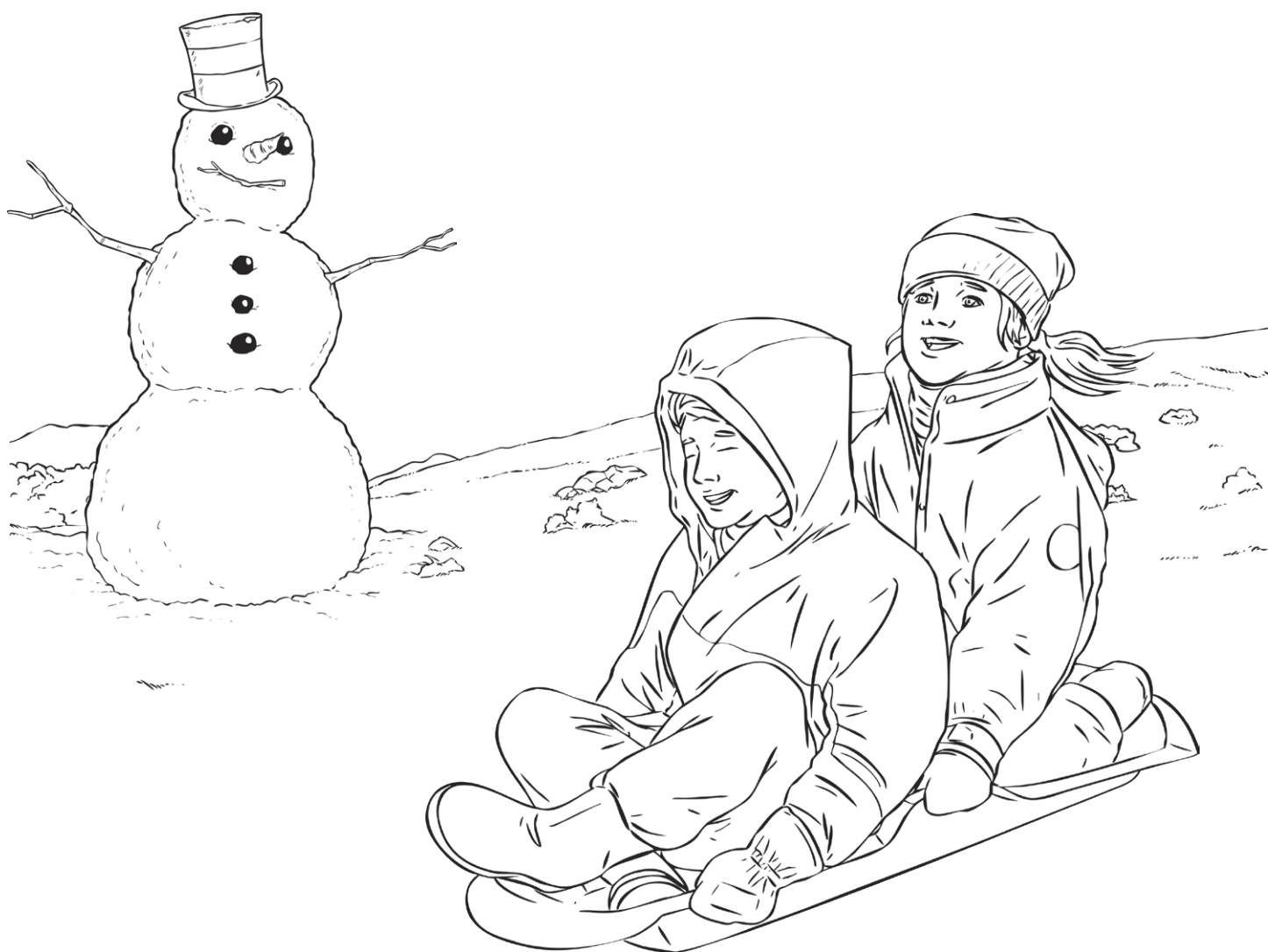


Winter Home Learning Challenges



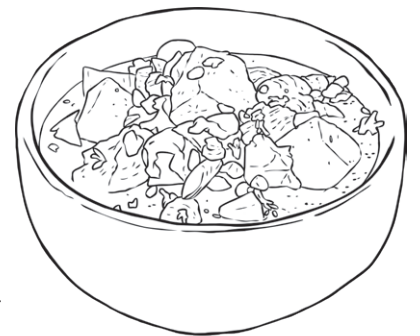
Winter Temperature

Winter is a time when temperatures are very low. Using the Internet, or by watching the weather forecast on television, find out the average daily temperature and create a graph showing the temperature over several days.

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are 20 columns and 20 rows of squares, creating a total of 400 square units. The lines are evenly spaced and extend across the entire area of the page, leaving no margins or additional markings.

Winter Recipe

As winter is very cold, people like to eat warm, filling food, such as soup or stews. Find a recipe for something you think people would enjoy eating during the winter. You could use recipe books, cookery magazines or the Internet. Write out the recipe below. Perhaps you could try making the food?

[illegible]

Write a Winter Haiku

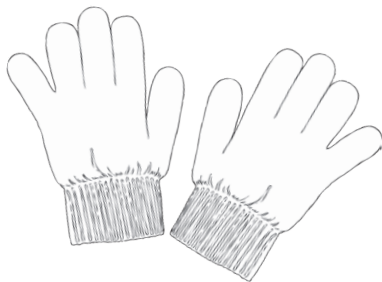


A haiku is a form of poem. The features of haiku are:

- three lines
- five syllables on the first line
- seven syllables on the second line
- five syllables on the third line

Jot down any words or phrases that you associate with winter. Then, experiment putting them into the form of a haiku.

Words and phrases:



Winter Sports

Because of the conditions required to play them, some sports can only be played during the winter. Research a winter sport that interests you. You could write about what equipment is required, any rules that must be followed and any players who have been successful playing the sport. You could include details about tournaments played (for example, is the sport in the Winter Olympics?) or mention countries where the sport is particularly popular.

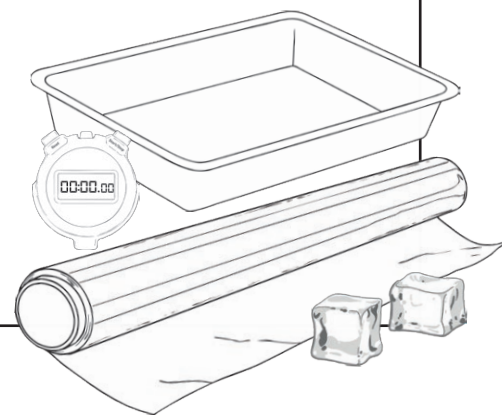
This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

Insulating Investigation

You are going to investigate which material is the best insulator.

You will need:

- six ice cubes all the same size
- a tray or plate
- different materials to wrap the ice cubes in – this can be anything you have around the house
- a timer – this could be on a phone, a watch or a computer



What to do:

1. Take five of the ice cubes and wrap each one in a different material.
2. Leave one ice cube without a covering – this will be your control ice cube to compare the speed of the ice melting.
3. Time how long it takes for each ice cube to melt.
4. Record your results in the table below.

Material	Time Taken to Melt
No material	

Which material makes the best insulator? _____

Religious Winter Festivals

Christmas is a well-known religious festival that is celebrated in winter. Use the Internet to find out more about a different religious winter festival. You could choose Hanukkah, Yule, Saturnalia, Epiphany, Nirvana Day or any other. Write about who celebrates the festival, when it is celebrated, how it is celebrated and any other interesting facts.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.
