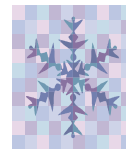
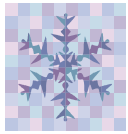


Snowy Day Activities P5-7 (Mrs Clarke)



Topic

Think of your topic for this term and create a wordsearch for your friends to try out on your return to school. Alternatively, you could create a snowy day wordsearch.

Snow Poem

Try to write a fantastic snow poem. Remember VCOP. Your poem does not have to rhyme. Illustrate your poem and bring it to me on your return to school then I will display the best ones.

Maths – Length and Weight

Think about what you have been learning in length. Have you been working in mm, cm and m? Estimate the length of ten items in your house and record the item next to your estimate. Next, using a ruler or tape measure, measure the item accurately and record your answers.

Ask permission to weigh some items. Write down the names of your items and your estimate then record the correct weight either by looking at the packet or by using scales

Science

Have you ever wondered what the grit that gritter lorries spread on the ground is actually made of?

Although it's called grit, what is used on the roads is actually rock salt mined from the ground and crushed to form light brown granules. This lowers the freezing point of moisture on the road surface stopping ice forming and causing existing ice or snow to melt.

Rock salt does not act immediately when spread on ice and snow which is mainly why we grit before ice starts to form. It works better when traffic crushes the salt granules, spreading the salt over the roads. This means that on roads with less traffic, the salt may take longer to work fully.

Why not carry out an experiment to test this principle out.

Take two containers and put some snow in each. Ask an adult to collect a little 'grit'

for you and sprinkle over the snow in one container, marking the container with an 's'. Which container of snow melts first?

For an opposite result, have a freeze race. Take two small containers and fill them with water. Add salt to one of the containers and mix well. Again mark the container with the salt water with an 's'. Place both containers in the freezer or outside if is very cold. Check regularly to see which container freezes first. What did you find?

It's Magic

Try out this "magic trick" with an ice cube, string and salt. Place an ice cube in a cup of water. Cut a piece of string a few inches long.

Ask a friend to try to pick up the ice cube using just the string and not their fingers. They will see that it does not work.

Now dip the end of the string in the water and lay it across the ice cube. Sprinkle some salt on top of both the ice cube and the string. Wait a minute or so and then try to pick up the ice again using just the string. It should work this time because the salt will have melted the ice slightly and the water will have refrozen around the string. Amazing!

