

Science in year 3 and
year 4

Autumn 1 and 2

Autumn 1 – Famous People

As part of our science investigation we needed to be able to accurately read a thermometer. We practised this with water of varying temperatures.



In history we learnt about the fishing industry in Victorian times. Life on board a whaling ship was tough! The men who worked on board the ships would have had to endure the coldest conditions! As there was no heating on board the ships, the sailor's food would get cold very quickly

To investigate how to keep a drink warm

Our task was to investigate ways that the sailor's may have kept their drinks warm.

We were provided with a variety of materials for our investigation. We had to decide in our groups how to carry out our investigation.



We listed the equipment we would need...

What I will need:

Thermometer

Plastic cups

Foil

Cloth

Cotton wool

Cling film

Elastic bands

....and wrote out our plan.

How I will carry out the experiment:

1. First I will
2. Then I will ...
3. After that I will



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We recorded our results in a table

Results

	Start temp ° c	Temp ° c After 2 mins	Temp ° c After 4 mins	Temp ° c After 6 mins	Temp ° c After 8 mins	Temp ° c After 10 mins
Control						
Foil						
Clingfilm						
Cloth						
Cotton wool						

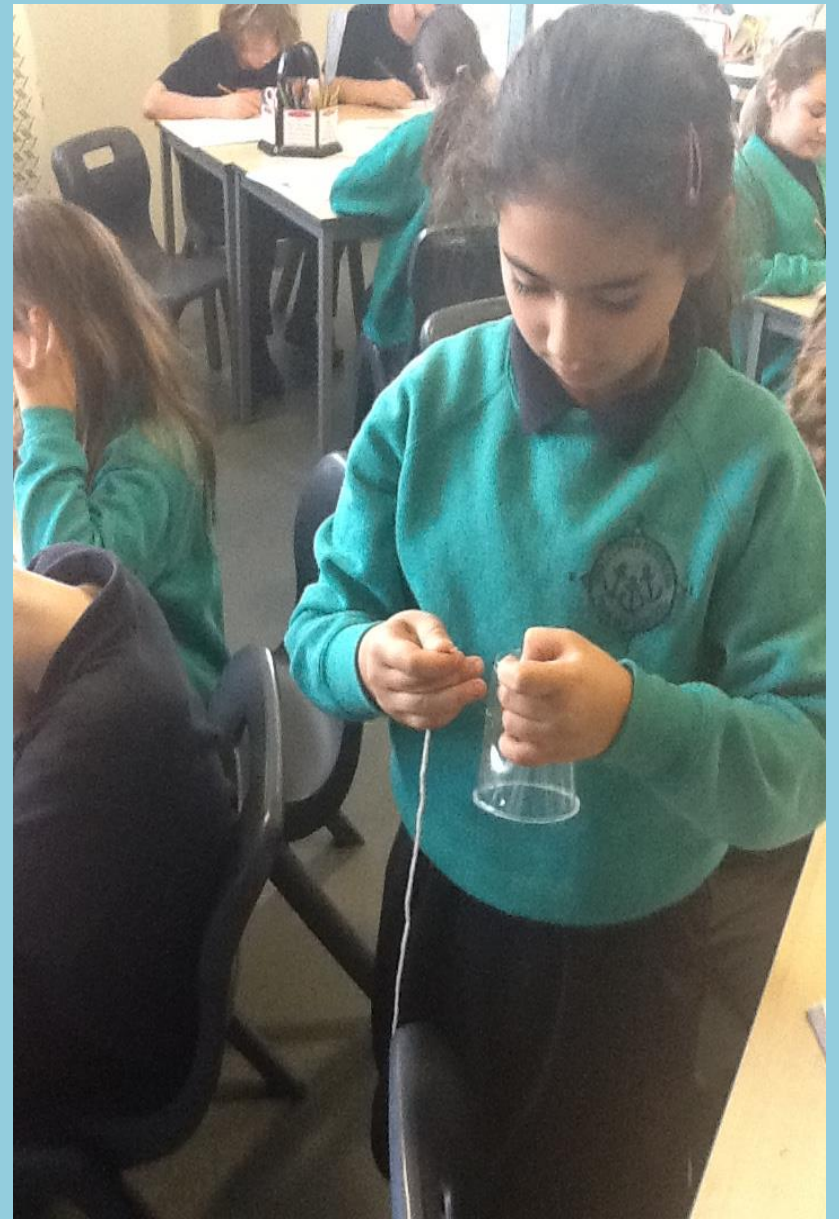
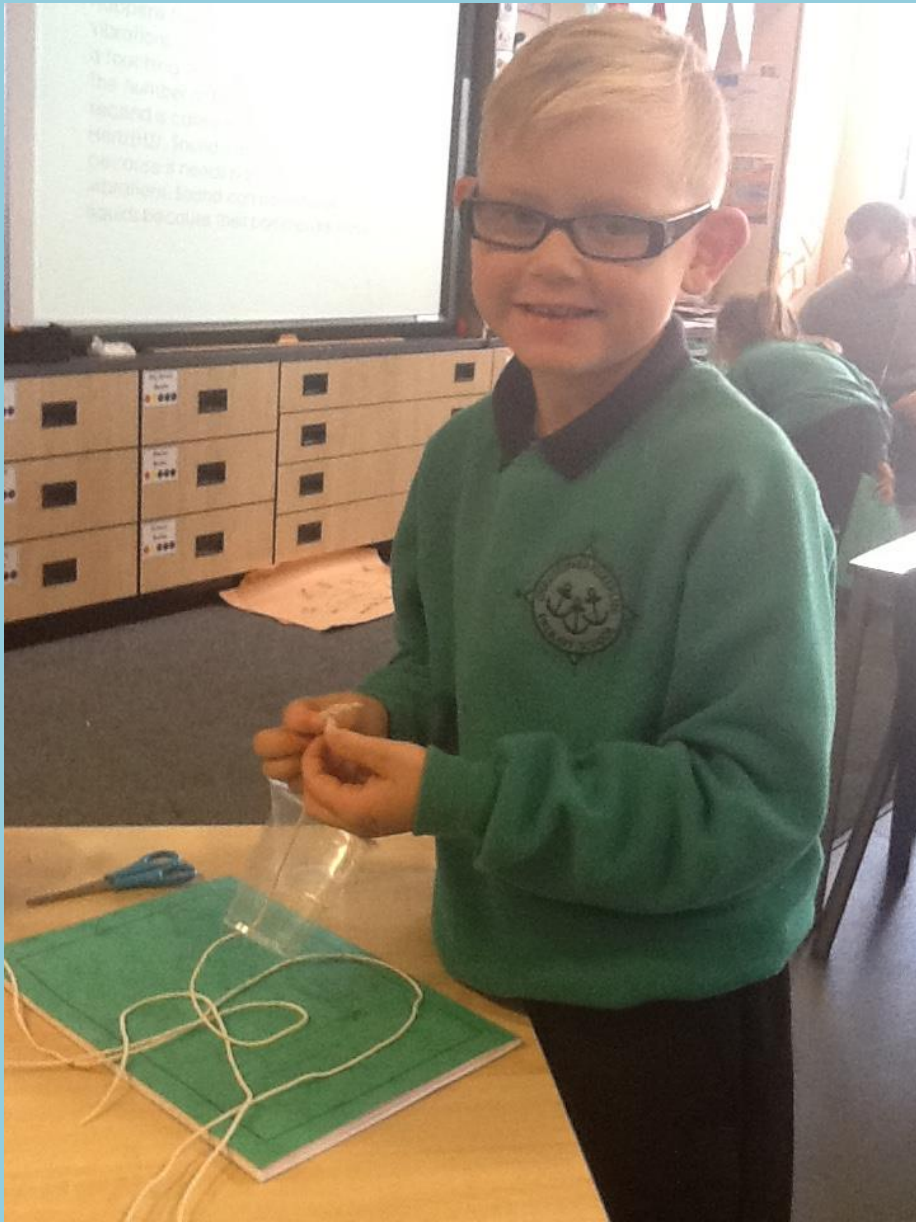
Then we wrote a conclusion based on our results.

We found out that the cup covered with the cotton wool kept the water hotter than the cups covered by the other materials.

Materials that keep heat in are called insulators.

Autumn 2 – Sound & Force

This term we have been learning about 'Sound & Force'.





Sound

“Sound travels in waves” Lily K.

“Particles in the air vibrate” Amelia.

“Sound enters the ear through the pinna”
Madison.

“Sound travels more quickly through a solid than
a gas” Mysha-Leigh.

Magnets

“Not all metals are magnetic but most are”

Harry N

“You can tell if a material is magnetic if the magnet sticks to it” Ellie G

“The metal aluminium is not magnetic” Maisie

“The metal steel is magnetic” Matthew

We hope you enjoyed looking at
our learning journey!