

MATERIALS

In Science, we are going to be naming, comparing and grouping a variety of everyday materials.

We are going to be describing the physical properties of different materials.

Material = what the object is made of.

A window is made of glass.



Challenge:

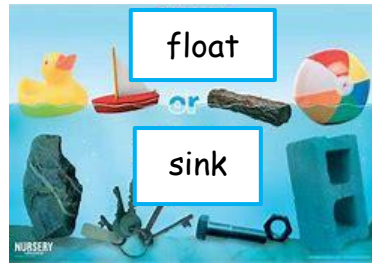
See if you can find one thing in your house that is made from metal, glass, plastic, fabric and wood.

melt



freeze

float



sink



waterproof



Water, Winter and Ice...

We are going to be completing a variety of different experiments involving materials. We will find out which objects float and sink. We will find which materials are waterproof and explore the properties of water.

Prediction = making a sensible guess about what might happen.

In Geography, we are going to be finding out where the hot and cold places are, in relation to the equator and the north and south poles.



Challenge:

Draw a picture of someone dressed for the winter. What is the weather like in winter?

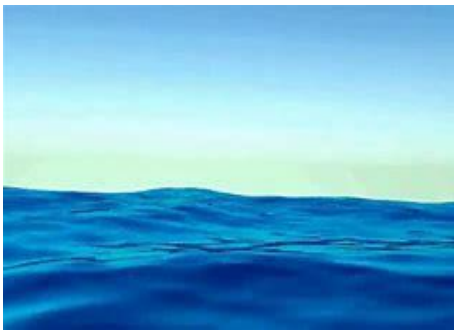


Hot and Cold Places	
	<p>Hot Places desert, jungle, sun, heat</p> <p>Animals lion, tiger, meerkat, monkey, camel, scorpion, lizard, giraffe, hyena, rhino, elephant, cheetah, leopard, crocodile</p>
	<p>Cold Places The Arctic, Antarctica, poles, polar, snow, ice</p> <p>Animals penguin, polar bear, Arctic fox, reindeer, snowy owl, seal, walrus, wolf, Arctic hare</p>

Equator = a line dividing the earth in half.



We are going to be finding out about Ottawa, the capital city of Canada. We will look at where it is located and what its weather is like in winter. We will compare the weather in Ottawa to our winter weather.



Challenge:

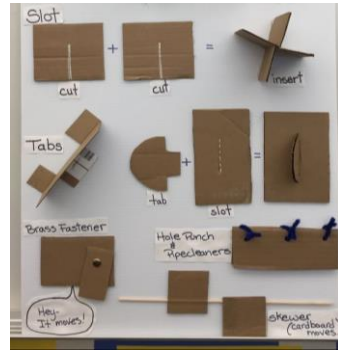
Have a look in your books at home. Do any have any moving pictures?



We will be learning how to make different shades of blue and green.



In DT we are going to be making moving pictures. We will be exploring different ways to make pictures move.



Vertical Drivers:

Staying Safe
Our Place in the World

In our English sessions we will be exploring the book 'One Snowy Night'. We will be changing the characters and writing our own version of the story. We will also be using the rain as inspiration to write our own poems.

Places to Visit:



National Waterways Museum in Gloucester. A great place to visit to find out more about how canals and rivers help people today and in the past.

Barber Institute of Fine Arts in Birmingham. See if you can hunt for some paintings by Monet.



I always like to make sure the children help to lead our topics, so I will be asking them about what they would like to cover.