

Our topic this term is,



Why does my hot chocolate go cold?

During this term Bumble Bee children will be learning to know heat sources and how this effects their everyday lives e.g. keeping warm, cooling down. We will be exploring how to keep safe when using heat sources such as fire and boiling water.

Children will learn about and explore natural materials, indoors and outside with the opportunity to discover lots of different textures. We will learn to identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. Following this we will learn about the changes in states of matter in everyday lives e.g. freezing ice to cool down a drink, heating food to change its state. We will be experimenting to find the best ways to keep our hot chocolates warm.

In addition to this we will be learning about the months in the calendar year, the 4 seasons, and the changes in weather that come with each.



During our science based topic the children will be noticing, exploring, describing, predicting, hypothesising and observing how materials change when heated and cooled. They will also be measuring and recording what they learn.

Books we will be reading to support our understanding



Our project related vocabulary

Nouns; ice, water, icicle, snow, paper, wood, plastic, metal, sun, fire, temperature, different/difference, thermometer,

Verbs; to freeze, to melt, to heat, to change, to change back

Adjectives; frozen, melt, wet, cold, slippery, smooth, hot, different/difference, hard, soft

Prepositions; in, on, under, on top

To support your child with this project at home, you could:

- Talk to your child about any changes they notice in the world around them and how this can be linked to the seasons
- Think about all the ways we use heat to help us in our everyday lives
- Look out for changes in the temperature, can you see any thermometers, perhaps in the car or in the garden?
- Talk about what everyday items are made from, are they glass, metal, wood etc.