



Term 3– Busy Bees Class

Our project this term is:

Why does our hot chocolate go cold?



During this term we will be the Busy Bees will be learning what a heat source is and know how this effects their everyday lives to help them keep warm or cool down. They will start to understand about safety when using heat sources such as fire and boiling water. They will learn about changes in states of matter in everyday lives e.g. freezing ice to cool down a drink and heating food to change its state.

They will be noticing, exploring, describing, predicting, measuring and recording how materials change when heated and cooled.

The children will understand how temperature can cause things to melt and freeze. Children will be able to explain how to keep themselves healthy and comfortable including keeping a comfortable body temperature and knowing what clothes to wear to keep warm in winter and cool in summer.

During this science- based project we will be learning about melting and freezing and how substances change state when in warm and cold places.

We will observe what happens when we hold chocolate in our warm hands or put marsh mallows in our hot chocolate and be able to explain the reasons why they changed state.

Texts to support understanding will include:



Our project- related vocabulary

Nouns::

ice, icicle, snow, frost, water, sun, fire, temperature, thermometer

Verbs:

to freeze, to melt, to change, to heat. to change back

Adjectives::

frozen, wet, frosty, cold, slippery, hard, soft, smooth, hot

Prepositions::

in, on, off, on top, under, next to

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

- Notice and talk about how we use heat and cold to help us in our everyday life.
- Look out for changes of temperature and encourage children to choose appropriate clothing for the weather
- Use our project related vocabulary when talking to your children
- Read the books with them.
- Notice and talk about changes of state that occur at home e.g. making ice cubes by freezing water.