

# Science – How do seasons change?

CLASS CREMYLL

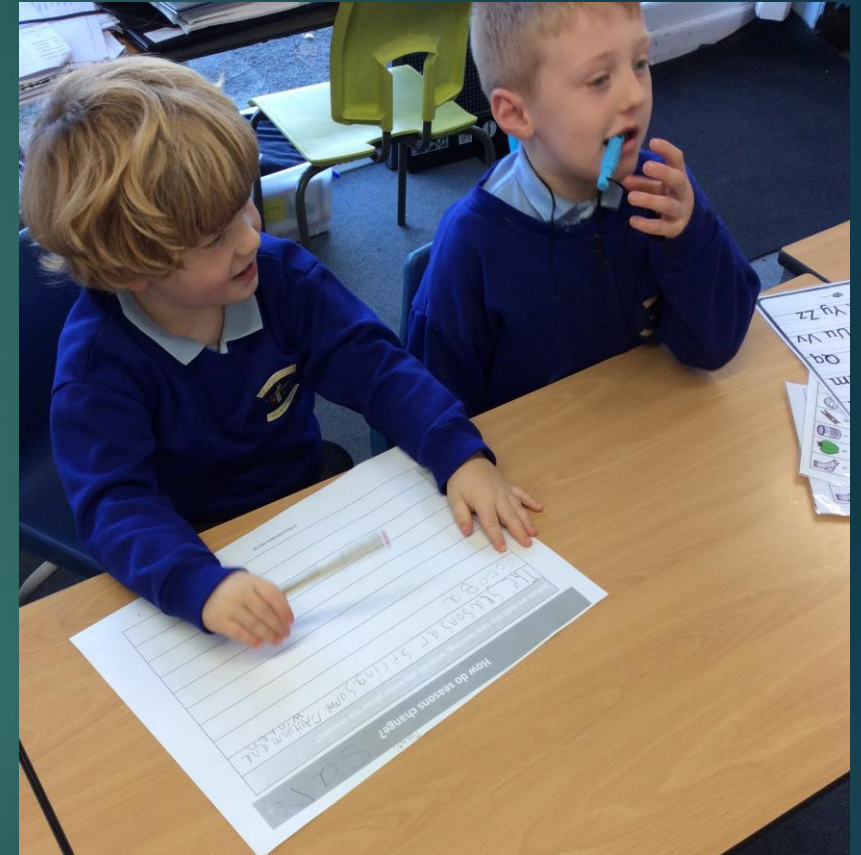
AUTUMN 2 2023

# What do we already know?



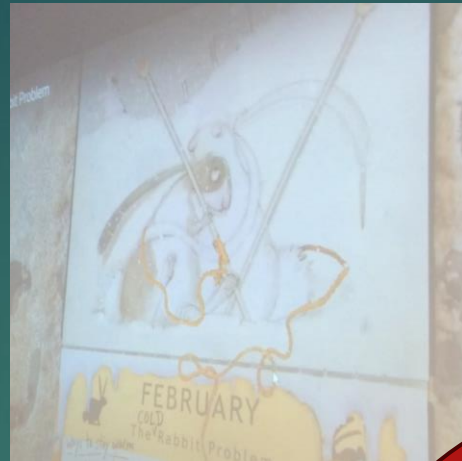
There are four seasons: Spring, Summer, Autumn and Winter.

Christmas is in December.  
That's in winter.





# How do seasons change?



So when our part of the world is facing the sun, we have summer. The other countries have winter.

In Winter we sometimes have snow and ice because the temperature drops below 0 degrees Celsius.

This glove is room temperature – 21 degrees. This one is frozen so it must have been below zero in the freezer.





# Why do most people love Spring?



In spring we have 12, 14 and 15 hours of daylight.



In Spring the sun light stays longer so we can do things outside after dinner. In Winter we can't do this because the sun sets sooner.



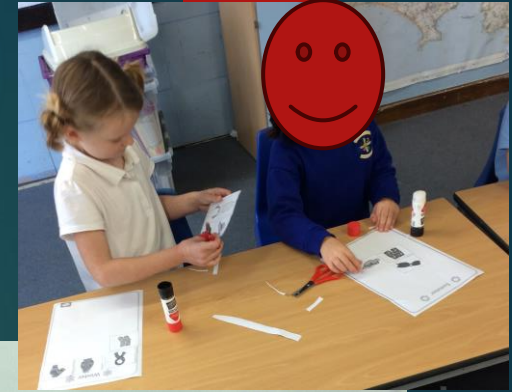
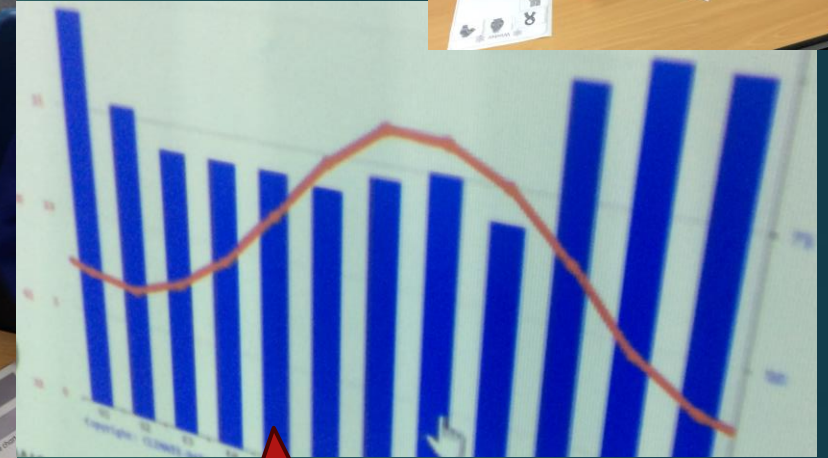
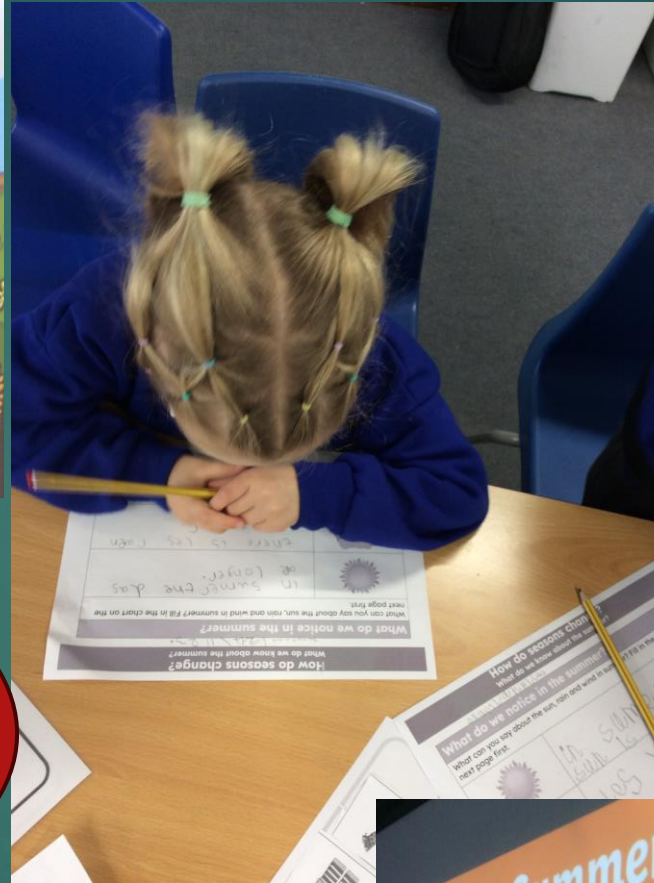
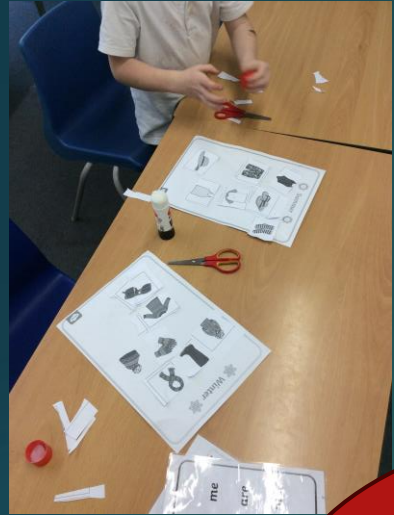
People love spring because there is more sunlight, it's a little bit warmer. Baby animals are born and they are calming to look at.



Spring is March, April and May.



# What do we know about the summer?



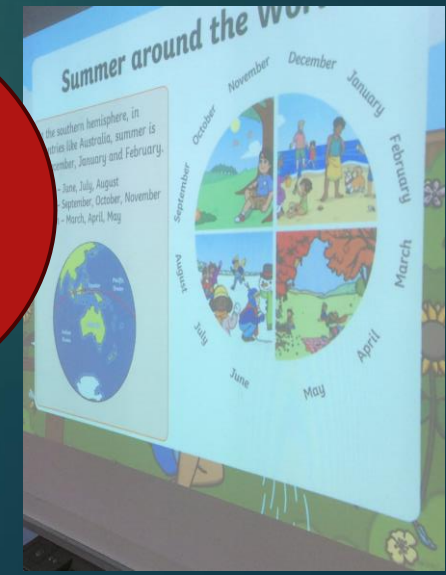
The temperature is hotter in the Summer so people need to wear sunscreen and less clothing.

April	May	June	July	Aug
14	15	16	16	14

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This shows that there is usually less rainfall in June, July and August.



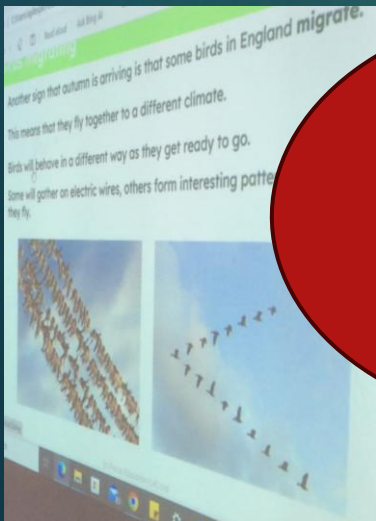
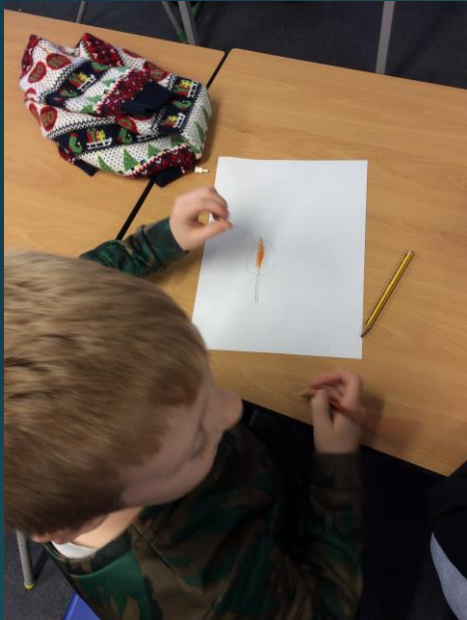
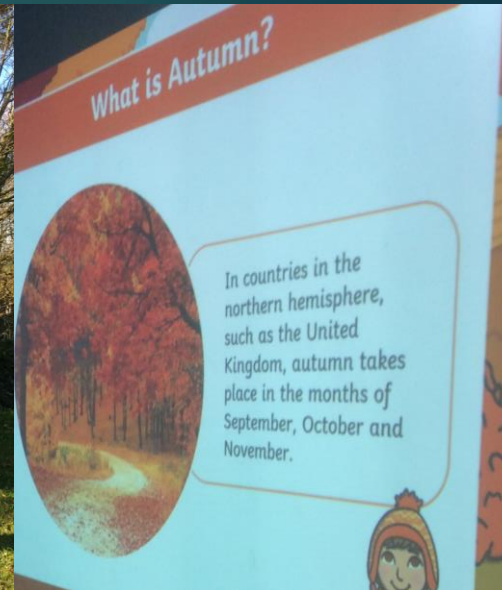


# Why are there so many leaves on the floor in Autumn?

In Autumn a deciduous tree has its leaves change colour and fall off.

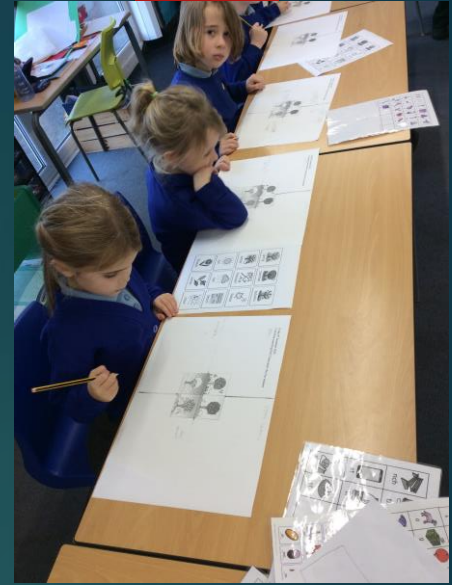
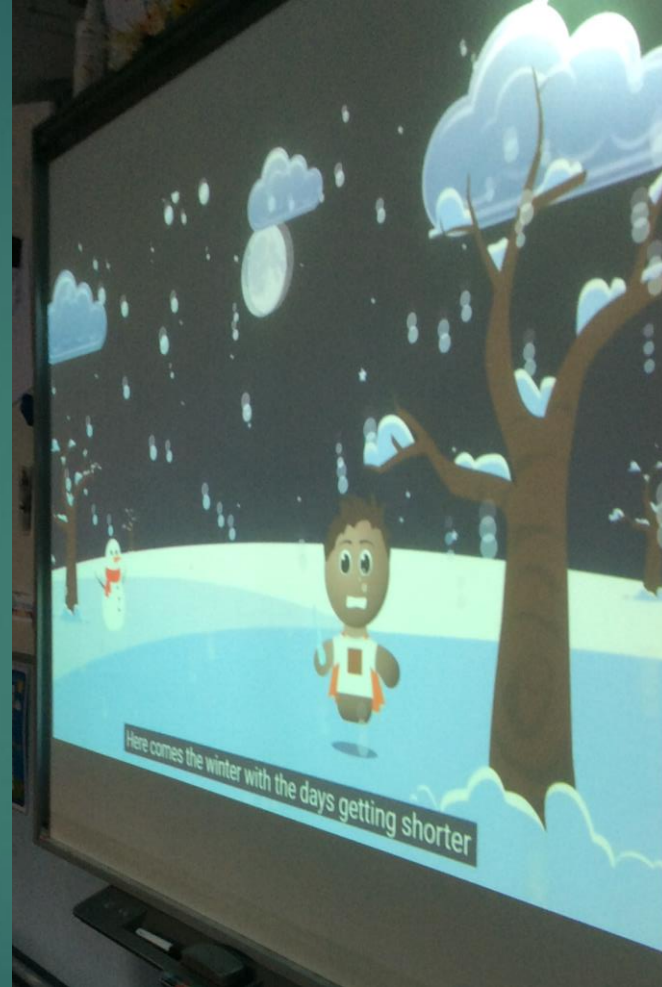
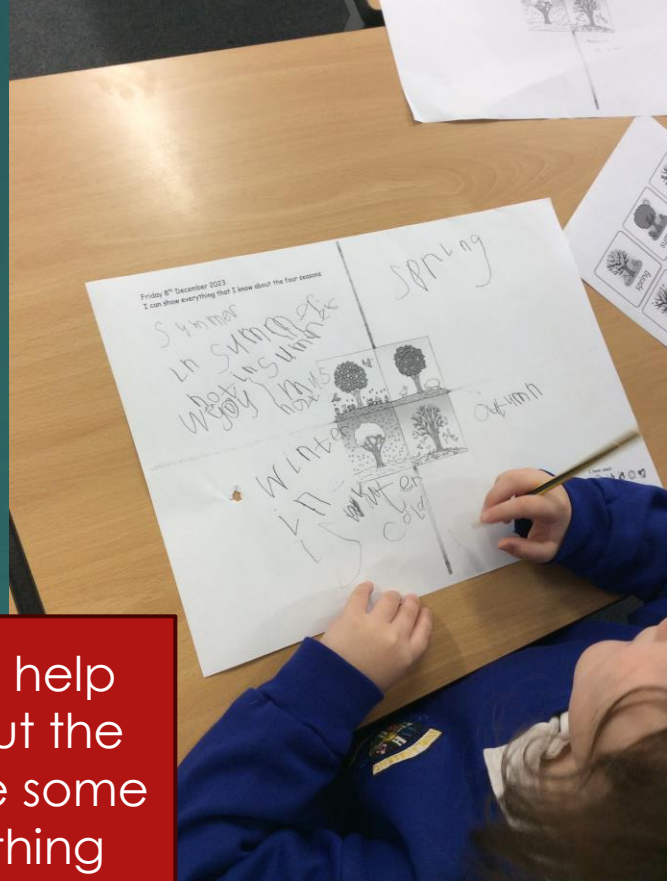
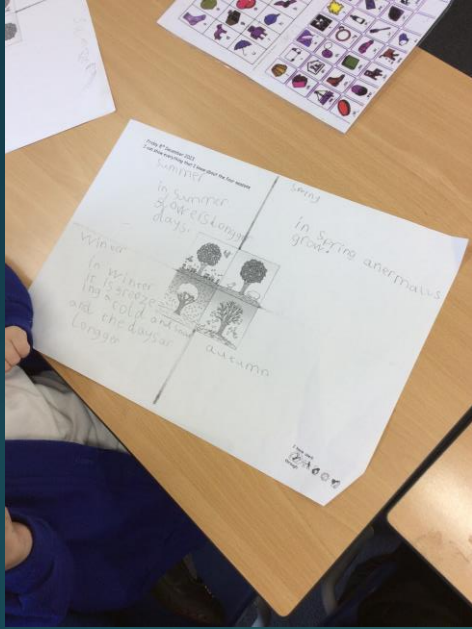
The leaves fall off because the temperature is colder and the tree can't make enough food for itself.

A coniferous tree has leaves that are called needles and they are pointy. They stay green all year.





# What do we know about the seasons now?



We sang a fun song to help remind us of facts about the seasons and then made some posters to show everything that we now know. We knew so much more than we did on lesson one!



# Science Year 1/2 Knowledge Organiser

## How do seasons change?

### Key knowledge

#### Know the main differences between the four seasons

Know the names of the four seasons

Know the type of weather normally associated with the four seasons

Know that we have longest periods of light in summer and shortest periods of light in winter

Know that different parts of the world have their summer and winter at different times to us

Know that the temperature varies during the different seasons

### Vocabulary

#### Autumn

The time of year between September and November. Many leaves fall off the trees

#### Winter

The coldest season in the UK. We often have snow in this season. It occurs between December and February

#### Spring

The time of year between March and May. There is usually lots of signs of new growth in Spring

#### Summer

The hottest season in the UK. It happens between June and August.  
The longest day is June 21<sup>st</sup>

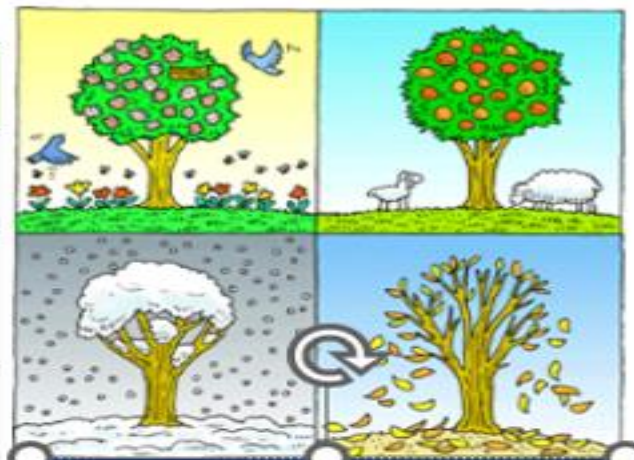
#### temperature

It is measurement of hot or cold that can be calculated using a thermometer

#### weather symbol



These are signs used to help us understand more about our daily weather



#### Skills:

- Observe and know about the changes in the seasons
- Name the seasons and know about the type of weather in each season



#### What have I learnt before?

The names of the four seasons and what happens to a tree in autumn and spring.

Personal Development:  
Jobs: Environmental worker, scientist, weather person.

Endpoint: Information sheet about the four seasons.