St Luke's Knowledge Organiser



Year I - Seasonal Changes. Autumn—Winter - Physics

What I should already know

- How weather changes depending on the season
- Night and day

Working Scientifically

- Pupils should observe and talk about changes in the weather and the seasons.
- Pupils should be warned that it is not safe to look directly at the Sun, even when wearing dark glasses.
- Make tables and charts about the weather





autumn September October November winter
December
January
February

Sticky Knowledge

Observe and describe the changes across the autumn and winter,

Observe and describe weather associated with the seasons.

Observe and describe the temperature associated with the seasons.

How the length of the day varies

The year is split into four seasons

Vocabulary	
Weather	The weather includes the temperature outside, the wind direction as well as rain, cloud, sun and snow.
Temperature	The measure of how hot/cold something is.
Seasons	The parts a year is split into. There are 4 seasons; Spring, Summer, Autumn and Winter.
Daylight	Daylight is when it is light outside. As the seasons change, the amount of daylight does. Days become shorter or longer.
Autumn	In Autumn, the weather begins to get colder. Leaves start to fall from trees and the amount of daylight becomes less.
Winter	In winter, the weather becomes much colder. Some- time it is cold enough to freeze, leaving frost and ice on the ground. It also sometimes snows. Day- times are short and night times are the longest.