

Our School Values- Science	
Love	We show love by fostering a joy of discovery.
Courage	We show courage by being brave, challenging thinking, asking questions and investigating new ideas. We show courage knowing that we won't always find the answer.
Unity	We show unity by working collaboratively to discover more.
Inspiration	We show inspiration by not giving up and thinking creatively to seek answers.



## Year 1 Science Seasons and Weather



### NC Objectives

- observe changes across the four seasons
- observe and describe weather associated with the seasons and how day length varies.

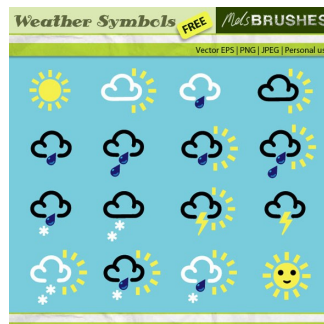
### Knowledge I already know

YF - ELG - Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.

### Knowledge I will learn

I know that there are four seasons: spring, summer, autumn and winter.  
I know what different weather symbols represent.  
I know that the earth spins and does one full spin a day.

Winter			Spring			Summer			Autumn		
December	January	February	March	April	May	June	July	August	September	October	November



### Key Vocabulary

Word	Definition
dawn	When light first appears in the morning.
dusk	When light has nearly gone before night.
mild	Not too hot and not too cold.
rotate	Move around in a circle.
soaked	Wet through.
weather	The outside conditions such as rain, sunshine and temperature.
month	One of the twelve parts of a year.
season	One of four parts of the year.
spring	Season when many plants start to grow: March, April and May.
summer	Hottest season of the year in the UK: June, July and August.
autumn	Season when some leaves fall: September, October and November.
winter	Coldest season of the year in the UK: December, January and February.

What are the four seasons?	What is the weather like in the four seasons?		Why does night become day?	How can we record the weather?	
Identify the seasons. Outdoor walk. Matching activity.	Sorting and reasoning.	Deducing- what does data tell us? Hibernation.	Torch activity and matching task.	Set up weather investigation. Make recording equipment.	Record results (ongoing over the previous week) and present.
Challenge: create clues for others to guess the season.	Challenge: why does a hedgehog hibernate in the winter?	Challenge: why do some animals leave the UK in the winter?	Challenge: what activities would be difficult to do at night? Why?	Challenge: why is a weather forecast useful?	Challenge: will the results be the same all year round?
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