Coley Primary School – Knowledge Organiser

SUBJECT FOCUS: Biology Strand	Science: Seasonal Change: *Summer*	YEAR 1	TERM 6

WHAT? – Key Knowledge

- Observe and describe weather associated with the seasons and how day length varies.
- Observe changes across the four seasons
- Use scientific language: say, read and spell scientific vocabulary

Amazing Summer Facts…

What happens in the Summer?

As the seasons change from spring to summer, it gets warmer still - this is because the temperature has risen.

The days get longer and the nights get shorter. Summer has the longest days and the shortest nights of all the seasons.

In the summer, it gets hotter.

Things people might do…


Picnics


Go to the beach


Paddling pool


Mow the lawn

In the summer people wear summer clothes like…



The Earth tilts towards the sun in the summer and away from the earth in the winter

Trees have all their leaves and fruits begin to grow

Warning:

IT IS NOT SAFE TO EVER LOOK DIRECTLY AT THE SUN, EVEN WHEN WEARING SUNGLASSES.

I wonder…

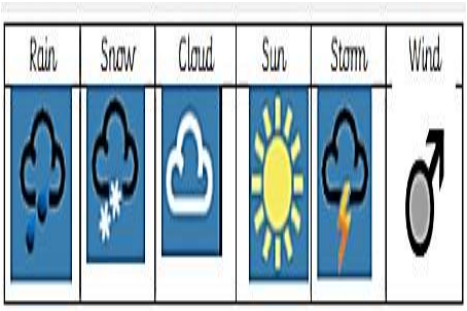
Do they know that the sun moves across the sky during the day?

Can they explain why they can't see stars in the day time?

WHAT? – Key vocabulary

- **Garden, magnifying glass, trees**
- **Weeds** =They are wild plants that grow in places where people don't want them.
- **Weather:** The condition outside.
- **Temperature:** The measure of how hot something is.
- **Seasons:**The parts a year is divided into.
- **Thunderstorm:** A storm of heavy rain with thunder and lightning.
- **Dark:** absence of light.

Diagrams and symbols



Working Scientifically Challenge:

- Identify and name the sources of light.
- Identify and name sources of light that we can see.
- Can they explain what darkness is?
- Can they compare sources of light? (brightest, dullest, darker, lighter)
- Observe and describe shadows during the day.
- Describe changes in light that result from action/s.
- Describe how light and temperature are different during the night and day.

Possible experiences: Curious minds…

- **Visit a park:** Discover how the park changes during the different seasons.
- **'Thinking about the Seasons: Summer,** by Clare Collinson.
- **Poems about Seasons,** by Brian Moses