Coley Primary School – Knowledge Organiser

SUBJECT FOCUS: Physics Strand	Science: Seasonal Change: Autumn and Winter	YEAR 1	TERM 1

WHAT? – Key Knowledge

I can…

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

Did you know…

There are **four seasons** each year: **autumn, winter, spring and summer.**

Autumn 	In autumn, the weather begins to get colder. The leaves start to fall from the trees. The amount of daylight becomes less. This means the daytimes are shorter and the night times are longer.
Winter 	In the winter, the weather is much colder. Sometimes it is cold enough to freeze, leaving frost and ice on the ground. It sometimes snows. Many trees have bare branches as all the leaves have fallen off. The daytimes are the shortest in the year and the night times are the longest.

Diagrams and symbols

Daylight hours and month:

Month	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug
Hours of Daylight	13	11	9	8	8	10	12	14	15	16	16	14

Working Scientifically Challenge: Record the temperature, rainfall and wind direction in autumn.

Observe and describe the weather in autumn and winter.

I wonder…

What are the signs of spring and winter?

Read:

Dorling Kindersley First Facts: Seasons by Marie Greenwood

Thinking About the Seasons: Autumn by Clare Collinson
Thinking About the Seasons: Winter by Clare Collinson

Poems about Seasons by Brian Moses

WHAT? – Key vocabulary

Seasons

Autumn



September
October
November

Winter



December
January
February

Spring



March
April
May

Summer



June
July
August

Change
Weather
Daylight

Possible experiences: *Curious minds…*

Autumn walk: visit a local park/garden. Record what you can see. Can you identify the signs of autumn?

Winter walk: describe what it is like in winter. Describe the changes in the trees and clothes that we wear in autumn and winter.