



Year 1/2 Science Knowledge Organiser: Seasonal Changes – Summer to Winter



Subject Specific Skills

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

Prior Knowledge

- Understand the key features of the life cycle of a plant and an animal. (Nursery – Plants & Animals, excluding humans)
- Explore the natural world around them. (Reception – Seasonal changes)
- Describe what they see, hear and feel whilst outside. (Reception – Seasonal changes)
- Understand the effect of changing seasons on the natural world around them. (Reception – Seasonal changes)

Key Knowledge

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

Key Vocabulary

Seasons In the UK, there are four seasons each year. They are autumn, winter, spring and summer.

Summer In summer, the weather gets even warmer. Leaves and flowers grow and trees have flowers. Days have the longest daylight hours..

Weather The weather includes the temperature outside, how windy it is and rainfall (how much it rains). We can also describe cloud, snow and sun. In summer the temperature is hotter and warmer with less rain.

Daylight Daylight is when it is light outside. The amount of daylight changes with each season. In Summer we see daylight increase

Suncream – As the weather is hotter people need to protect themselves with sun cream.

Fip flops-

Flowers– Flowers grow on the trees

Insects – Bees, butterflies and other insects fly around and are attracted to the flowers.

Grass – Grass grows quicker in summer months because of the extra daylight.

Beach – Many families visit the beach for days out as the weather is sunny and hot.

Barbeque- Many families have barbeques for tea and eat outside because its warm.

Picnic – Many people have summer picnics and enjoy eating outside.

Lawnmower - You may hear this sound a lot as the grass will need cutting more.

Paddling pool – People enjoy time in their paddling pools to cool down.

Icecream – Ice cream is a great snack to cool down in Summer.

Key Knowledge

Daylight Hours

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

