# Newport Infant School—Science Knowledge Organiser

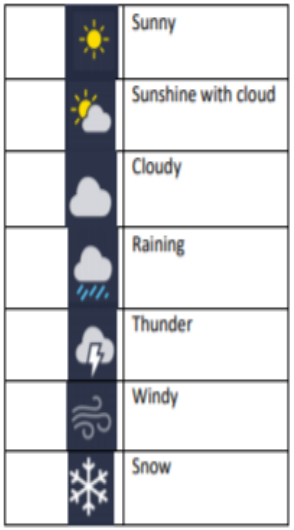
**Throughout school year** | **Year 1** | **The Weather and Seasonal Changes**

## What should I already know?

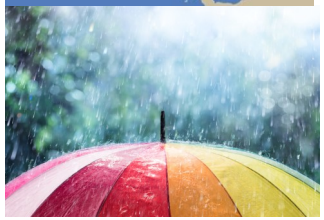
- There are different types of weather.
- To have experiences of different seasons and their changes.

## What I will know by the end of the unit

- The weather patterns are different in each of the four seasons.
- A weather forecast can be used to say what the weather is like today or for the rest of the week.
- Weather forecasts use different symbols
- You need to wear different clothes for different types of weather.
- You can record the temperature using a thermometer to see how warm or cold is it.
- I can recognise and describe different types of weather.

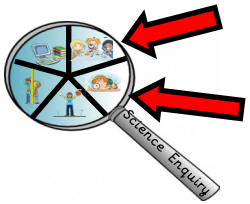




## Science Skills

- Sorting and classifying
- Observation
- Predicting
- Recording




## Investigate!

- Explore different weather types within different seasons
- Create a weather chart. To record weather, and how day length varies across the seasons. and class display.

## Vocabulary

| | |
|---|---|
| Weather | The way the air and the atmosphere feels. |
| Seasons | The four different divisions of the year (Spring, Summer, Autumn & Winter) |
| Climate | The average weather conditions of an area |
| Observe | To watch carefully the way something happens/appears |
| Temperature | The degree of hotness and coldness in an area. |
| Rain | Water that falls from the clouds in small drops. |
| Thermometer | A tool used to measure the temperature. |
| Sunny | Shining with bright sunlight. |
| Sleet | Frozen or partly frozen rain that falls from the clouds. |
| Cloudy | When the sky is full of clouds which makes it seem darker. |
| Snow | Small, soft, white pieces of ice that sometimes fall from the sky when it is cold. |
| Warm | A comfortably high temperature |
| Cold | A low temperature. |
| Wind | The movement of air. |
| Weather forecast | The prediction of what the weather will be like in a particular place. |
| Hail | Pieces of ice that falls our od a storm cloud. |
| Thunder | A banging noise. The sound caused by lightning. |
| Storm | Very bad weather—Heavy rain, snow, sleet or strong winds. |
| Lightning | The flashing of light caused by the passing of electricity from one cloud to another. |