

Science | Year 1/2 – Seasonal Changes | 2020-21

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

| | Assessment guidance | Key learning | Key vocabulary |
|-------------------------|---|---|--|
| Seasonal Changes | Shows understanding of a concept using scientific vocabulary correctly | <p>In the UK, the day length is longest at mid-summer (about 16 hours) and gets shorter each day until mid-winter (about 8 hours) before getting longer again.</p> <p>The weather also changes with the seasons. In the UK, it is usually colder and rainier in Winter and hotter and dryer in the Summer. The change in weather causes many other changes; some examples are numbers of minibeasts found outside, seed and plant growth, leaves on trees and type of clothes worn by people.</p> | <p>Weather (sunny, rainy, windy, snowy etc.), seasons (Winter, Summer, Spring, Autumn), sun, sunrise, sunset, day length</p> |
| | Applying knowledge in familiar related contexts, including a range of enquiries | <p>Collect information about the weather regularly throughout the year. Present this information in table and charts to compare the weather across the seasons.</p> <p>Collect information, regularly throughout the year, of features that change with the seasons e.g. plants, animals, humans.</p> <p>Present this information in different ways to compare the seasons.</p> <p>Gather data about day length regularly throughout the year and present this to compare the seasons.</p> | |

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| Lesson Progression | |
|------------------------------|--|
| Ongoing, throughout the year | Collect weather data weekly, including day length and photograph of field. |
| | Present the data collected in tables and charts. |
| 1 | What is weather and how does it affect us? |
| 2 | Summer to Autumn |
| 3 | Seasonal Weather (Autumn) |
| 4 | Autumn to Winter |
| 5 | Seasonal Weather (Winter) |
| 6 | Forecasting the Weather |
| 7 | Weather Dangers |
| 8 | Winter to Spring |
| 9 | Seasonal Weather (Spring) |
| 10 | UK Daylight hour changes |
| 11 | Hot and Cold Weather (linked to Geography unit: Hot and Cold Places) |
| 12 | Spring to Summer |
| 13 | Seasonal Weather (Summer) |