Plymouth Science

Knowledge Organiser

Year 1 Seasonal Changes

The Seasons



<u>Spring</u>

- March, April and May.
- Weather is warmer.
- Season of new beginnings.
- Fresh buds bloom, animals awaken. Farmers plant seeds.
- Approx. 12 hours daylight.

<u>Summer</u>

- June, July and August.
- The weather is much warmer.
- Warmest season of the year.
- Lots of leaves on trees.
- Approx. 16 hours of daylight





<u>Autumn</u>

- September, October, November.
- Weather is getting colder.
- Leaves start to fall from trees.
- Daytimes are shorter and nights are longer. 9-13 hrs of daylight.

Winter

- December, January, February
- Weather is much colder and sometimes freezing.
- Can leave ice and frost on the ground.
- Many trees have bare branches.
- Daytimes are shortest and night times are longer. 8-10 hrs sunlight.

Season Vocabulary

Autumn- temperature starts to get colder Winter- the coldest time of the year. Spring- Weather starts to get warmer Summer- Warmest time of the year Sunny- when the sun shines and it is warm. Rainy- when the weather is wet. Windy- We can see windy weather by watching things blow about. Snowy- when the water freezes and creates snow. Day length- the number of hours it is light. Sunrise- The start of the day, beginning to get light. Sunset- The end of the day- beginning to get dark. Monsoon- strongest windy conditions- cause wet and dry seasons through the tropics.



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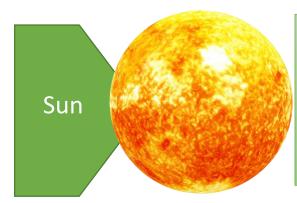
<u>Year 1</u> Materials

Weather



Snow is formed by water vapour in the air freezing before it turns to water. Clouds are cold and crystals are formed around bits of dirt and grow bigger.





Wind

-The sun is a star -It is a hot ball of glowing gas. -At the heart of the solar system -It is spherical in shape and much bigger than Earth- 1,350,000 times bigger! -The temperature at the sun's core is about 27 million degrees Fahrenheit.

> Moving air is called wind. Winds are created when there is a difference in air pressure. You can see trees move and sway when it is windy.



A cloud is made of water drops or ice crystals floating in the sky. There are many kinds of clouds. Clouds are an important part of Earth's weather.

