**Year 3 – Summer 1 – Plants**

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| **Key Facts** |
| When the **pollen** joins with an **ovule**, a seed starts to form. |
| Plants need light, water and air to make their own food.  |
| The green leaves use energy from the sun to turn water and carbon dioxide in the air into sugar and oxygen.  |
| Seeds are structured differently to help with different ways of **seed dispersal**. |

 



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| **Key Vocabulary** |
| **Pollen** | A fine powder that helps form a seed when joined to the ovule. | **Stamen** | The male parts of the flower. The stamen is made up of the **anther** and the **filament**. |
| **Ovule** | Contains an egg that helps form a seed when joined to the pollen. | **Carpel** | The female part of the flower. The carpel is made up of the **stigma**, **style** and **ovary**. |
| **Reproduction** | How a living thing creates offspring.  | **Sepal** | Leaf like structures that protect the flower and petals before they open out. |
| **Fertilisation** | The joining of the pollen and the ovule. | **Transportation** | The movement of water and nutrition from the roots to different parts of the plant. |
| **Pollination** | The process of moving pollen from one plant to another. | **Capillary action** | The process in which water moves up something like a tube or a material with small holes in it. |