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| **Plants can grow from seeds or bulbs -** | |
| **seeds** | **bulbs** |
| **Seeds and bulbs germinate and grow into seedlings** | |
| **Seedlings then grow into mature plants**    **Seedling** | |
| **Mature plant** | |

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**Plants**

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| **Key vocabulary** | | |
| **seed** | Part of a flowering plant that grows into a new plant. | |
| **bulb** | A root shaped like an onion that grows into a new plant. | |
| **germinate** | When a seed begins to grow its shoots. Seeds need warmth and water to germinate. | |
| **seedling** | A young plant that has grown from a seed. | |
| **bud** | Growth on a plant that develops into a stem, leaf or shoot. | |
| **flower** | The part of a plant which is often brightly coloured and grows at the end of a stem. | |
| **fruit** | Fleshy part of a plant that contains seeds or a stone. | |
| **berry** | Small, juicy fruit without a stone. | |
| **root** | The part of the plant that grows under the ground. | |
|  | | |
| **Significant scientist** | | |
| **David Douglas**  (1799-1834) | David Douglas was a Scottish botanist, best known as the namesake of the Douglas-fir.  He worked as a gardener, and explored the Scottish Highlands, North America, and Hawaii. | |
| **Some plants grow best in full sun.** | | **Some plants grow best in the shade.** |
| **Some plants need lots of water.** | | **Some plants don’t need much water.** |
|  | | |
| **What does a plant need to grow and stay healthy?**  **water** | | |

**Some plants grow quickly and some grow more slowly.**