 Knowledge Organiser

 Year 3 – Spring Term B

 **Science – Plants**

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| Joseph Banks – A botanist who travelled the world and gathered over 30,000 specimens of plants. | George Washington Carver – A botanist known for his work on replenishing soil by planting peanuts and sweet potatoes. |
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| **Key Vocabulary**  | **Definition**  |
| **Plant**  | **A living thing that grows in the earth and has roots, leaves and a stem e.g. grass, trees, bushes, flowering plants.**  |
| **Root** | **The part of a plant that acts as an anchor, fixing the plant into the ground. Roots also absorb water to help the plant to grow.** |
| **Stem** | **The part of the plant that grows above the ground. The leaves and flowers grow from it. The stem is also used to transport water around the plant.** |
| **Leaves**  | **A plant’s leaves absorb sunlight and turn it into energy that the plant uses to grow.** |
| **Flowers**  | **The part of a plant that bears the seed.**  |
| **Nutrients**  | **Goodness required for life and growth. Plants absorb nutrients from the soil.**  |
| **Absorb** | **To take in or soak up.**  |
| **Pollination**  | **The transfer of pollen from one part of a plant to another.**  |
| **Dispersal**  | **Spreading things out over an area, seeds do this to help to reproduce.**  |

Poppy seeds are dispersed from a ‘pepper pot’ head, when the wind blows the seeds shake out.



Many flowers rely on animals to help with pollination by moving pollen from one flower to another.