|  |  |
| --- | --- |
| **Question for Learning;**  **What requirements do plants need to survive and grow?**   * Plants need air, room to grow, nutrients, light, and water to grow and survive. * Many flowering plants have roots that grow underground. * The 4 main parts of a flowering plant is: roots, leaves, stem and petal. |  |
| **Question for Learning;**  **What is the function of each part of a plant?**   * Always wash hands after touching plants, seeds and soils and avoid touching your eyes. * Be very careful when touching unknown fruits and seeds as they might be poisonous. * The leaf’s function is to make food for the plant using sunlight. * Some leaves have a large surface to get more sunlight. The veins on the leaf help it to stay spread out as well as transporting water. |  |
| **Question for Learning;**  **How is water transported in plants?**   * Leaves are important to plants because this is how they can get their sunlight to turn into energy. * The stem moves the water around the plant. * Water travels through a plant from the root to the stem and out of the leaves. |  |
| **Question for Learning;**  **What is the life cycle of a plant?**   * The plant life cycle: seed stage, germination stage, seedling stage, leaf growing stage, flower stage and pollination stage. * Pollination is transferred from the male part of the flower to the female part and a seed forms from the female part. |  |
| **Question for Learning;**  **How can we improve an enquiry?**   * As scientists, it is important to think about what improvements can be made to experiments. * Science Enquiry: Comparative and fair testing, observing over time, pattern seeking, research using secondary resources, identifying, classifying and grouping. |  |

|  |  |
| --- | --- |
| **Key Words** | |
| Absorb | How a plant takes things in. |
| Animal dispersal | When seeds are eaten or carried away from the parent plant by animals. |
| Germination | When a new plant starts to grow from a seed. |
| Improve | To change something to make it better. |
| Evaluate | To make changes to improve something. |

