**SCIENCE WEEKLY PLANNING SHEET - PLANTS**

**Term: Autumn 1 Year: 3**

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| **Week 3**  **Focus: What do plants need to grow and stay healthy?**  *SE 4 fair testing and comparing*  *SE 1 observation over time*  **Activity**  Continue the plant diary. Discuss what a plant needs to grow and keep healthy. Children to complete a worksheet on what plants need to stay healthy (LA: vocabulary available to choose from, MA/HA fill in the missing vocabulary). Explain to the children, that as a class, we have some plants which we are going to test. They should choose which variable they want to change e.g. water, light, compost but keep everything else the same to keep their test fair. They need to then set up their test and decide how they are going to record what happens.  Children are to write down their question: What is it they want to find out (can a plant grown in the dark?).  Children are to then write down their predictions (I think the plant in the dark will… I think the plant in the light will…).  Children will then write down their method (where do they think the plants should go).  **Outcome: Children will be able to set up a test beginning to understand who they are keeping it fair and what is meant by a variable.**  **Resources:**  2 small plants which are the same |

**PLANTS**

S**eed** - the part of a plant which can grow into a new plant.

**Bulb** - a plant bud that begins to grow underground

**Stem**  - the main stalk of a plant that develops buds and shoots and usually grows above ground.

**Leaf** - one of the usually flat green parts that grow from a plant stem and that functions mainly in making food

**Roots** - hold the plant in the ground and keep it upright. They also take water and food from the soil.

P**etal** - the coloured part of a flower that attracts insects and birds to pollinate the flowers

**Pollination** is the process that allows plants to reproduce

**Seed dispersal** - the way seeds get from the parent plant to a new place

**Nutrients** - a substance that is needed for healthy growth, development, and functioning

**Fertilisation –** happenswhen pollen reaches the flower and it is fertilised to make seeds