KS1 Plants (Year 2)

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| Prior Learning: plants can grow from a bulb or seed |

P.O.S – plants

Concept – biology – cell development

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| Facts | Vocabulary |
| 1. Seeds: 2. A seed is the part of a flowering plant which can grow into a new plant. 3. Seeds need water to grow but usually don’t need light 4. Seeds have a store of food inside them. | 1. Germination - comes from the Latin germinationem, "a sprouting forth or budding." |
| 1. Bulbs: 2. Bulbs are underground masses of food storage from which plants grow. 3. Bulbs need water to grow but usually don’t need light | How seeds/bulbs grow:  Image result for how do seeds grow into plants  Seeds:  Image result for apple seed  Image result for poppy seedImage result for sunflower seed  apple sunflower poppy  Image result for daffodil bulb  Bulbs:  Daffodil  Image result for onion bulb  Image result for tulip bulb  Tulip  Image result for how do bulbs grow into plants Onion |
| 1. Names of seeds:   a) sunflower  b) apple  c) poppy |
| 1. Names of bulbs: 2. daffodil 3. tulip 4. onion |
| 1. How a seed and bulb grow into a plant: 2. Seeds/bulbs are planted 3. grow roots 4. roots take hold and anchors the plant within the soil 5. a small plant will begin to emerge and break through the soil. 6. When this happens, the seed/bulb has sprouted. This process is called germination. 7. plant grows and begins to make its own food from nutrients it takes from the soil 8. Carry on growing |
| 1. Requirements for plants to make food and grow: 2. Water 3. Light 4. Suitable temperature - not too hot or too cold |
| Websites:  <https://www.youtube.com/watch?v=tkFPyue5X3Q>  David Attenborough - plant growing |

Activity ideas:

* Plant some seeds/bulbs and keep a plant diary with illustrations. You can use the knowledge organiser to help you.
* Draw and label a flower/plant and label the different parts of it. Can you explain the job of each part of the flower/plant.
* Draw the life cycle of a plant/flower from a seed/bulb and write about each stage.
* Go on a plant hunt in your garden or if you go on a walk with family. What plants can you spot? Can you draw them?
* Write about what plants need to survive. Why do they need those things?