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."
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| 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 plantsSeeds:Image result for apple seedImage result for poppy seedImage result for sunflower seed  apple sunflower poppyImage result for daffodil bulbBulbs:DaffodilImage result for onion bulbImage result for tulip bulbTulipImage result for how do bulbs grow into plants Onion  |
| 1. Names of seeds:

a) sunflowerb) applec) poppy |
| 1. Names of bulbs:
2. daffodil
3. tulip
4. onion
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| 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
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| 1. Requirements for plants to make food and grow:
2. Water
3. Light
4. Suitable temperature - not too hot or too cold
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| 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?