LKS2 Plants (year 3)

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| Prior Learning: plants are made up of cells, plants get energy from the sun, reproduction is the process of making a new plant (offspring) |

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| Facts | Vocabulary |
| 1. Structure and function of flowering plant: 2. roots – root anchors the plant and absorbs nutrients and water needed for growth 3. stem/trunk – supports the plants, elevates the leaves and flowers and transports water between the roots and the rest of the plant 4. leaves – produce food for the plant by photosynthesis 5. flowers – the reproductive part of the plant | 1. Lavender – scientific name *lavandula* 2. latin name lavare means to wash 3. photosynthesis - the [process](https://dictionary.cambridge.org/dictionary/english/process) by which a [plant](https://dictionary.cambridge.org/dictionary/english/plant) uses the energy from the light of the sun to produce its own food 4. excretion – to get rid of material such as solid waste or urine from the body   Floral, Flower, Flowery, Leaf, Leafy, Leaves, Plant |
| 1. Names of common flowering plants: 2. Lavender 3. Chrysanthemum 4. Orchid |
| 1. History of the lavender: 2. A herb, part of the mint family 3. Brought over to this country by the Romans 4. Used in mummification in Ancient Egypt |
| 1. What plants need for life and growth: 2. water 3. air 4. light 5. nutrients from the soil 6. room to grow | Image result for examples of seeds can be dispersed  Image result for life cycle of a plant |
| 1. Transportation of water 2. Water is transported from the roots through the stem to the leaves and flower |
| 1. Flowering plant reproduction 2. pollination 3. seed formation 4. seed dispersal |
| 1. Process of pollination: 2. pollen is carried by insects or blown by the wind from one flower to another |
| 8. Process of seed dispersal:  a) movement of seeds or transportation away from the parent plant  b) seeds can be scattered by wind, animals, explosion, water and animal excretion |
| 9. Life cycle of a plant:  a) seed germination  b) growth  c)reproduction  d) pollination  e) seed dispersal |
| Youtube:  [www.youtube.com/watch?v=JBLyHmwkXX8](http://www.youtube.com/watch?v=JBLyHmwkXX8) plant habitat and adaptation  [www.youtube.com/watch?v=xY4JFOSuqvY](http://www.youtube.com/watch?v=xY4JFOSuqvY) – seed dispersal the great escape  [www.youtube.com/watch?v=j-S5ui9Us7U](http://www.youtube.com/watch?v=j-S5ui9Us7U) – what is pollination and how does it work? |