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
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| 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
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| 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 dispersedImage 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
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| 1. Flowering plant reproduction
2. pollination
3. seed formation
4. seed dispersal
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| 1. Process of pollination:
2. pollen is carried by insects or blown by the wind from one flower to another
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|  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? |