

Basically Botany



By the end of this topic I will be able to:

- Identify and name the main parts of a plant (flower, growing tip, roots, stem, leaves)
- Explain what the different parts of the plant are used for
- Label the parts of a flower on a diagram
- Define the terms fertilisation, pollination, seed dispersal and germination
- Describe the differences between wind pollinated and insect pollinated flowers
- Recall the main ways in which seeds can be dispersed (wind, stuck to animals, eaten by animals, explosion)
- Work out how seeds are dispersed by looking at their structure
- Describe the conditions needed for seeds to germinate
- Name the main parts of a seed and label them in a diagram
- Explain what photosynthesis is and why plants carry out photosynthesis (including leaf adaptations)
- Explain what respiration is and why plants carry out respiration
- Explain the purpose of transpiration



Rafflesia arnoldii – produces the largest flower in the world (11kg, 1m across)