




3.6.1 Reproduction of the Flowering Plant

Self Assessment

Where is your learning at?

- Green: I know it all
- Orange: I have some idea – check the answers
- Red: I need to start studying this section

	CAN YOU	Green 	Orange 	Red 
1	Draw a labelled diagram of a flower			
2	State the function of the floral parts including Sepal, petal, stamen, carpel			
3	State where the male gametes are produced			
4	State what the embryo sac produces			
5	Define the term pollination			
6	Outline methods of pollination --Cross-pollination (inc wind& animal) & self pollination.			
7	Define the term fertilisation.			
8	Outline and draw the structure of the seed			
9	Give the function of following: testa, plumule radicle, embryo, cotyledon attachments.			
10	Outline the stages of seed development			
11	Classify plants as monocotyledon or dicotyledon & distinguish between them.			
12	Outline how fruit is formed			
13	Outline seedless fruit production			
14	Explain how fruit & seeds are dispersed			
15	Explain the need for dispersal			
16	Define the term dormancy.			
17	State the advantages of dormancy			
18	Define the term Germination			
19	Discuss the factors necessary for germination			

20	Explain the role of digestion and respiration in germination.			
21	Describe the stages of seedling growth			
22	Explain the term vegetative propagation			
23	Give 1 example of vegetative propagation from <ul style="list-style-type: none">• stem• root• leaf• bud			
24	Compare reproduction in plants by seed and by vegetative reproduction.			
25	Describe 4 methods of artificial propagation in flowering plants.			
26	Carry out an investigation to show the effects of water, oxygen and temperature on Germination			
27	Draw diagrams to illustrate this activity			
28	Carry out an investigation to show Digestive Activity during Germination, by using starch agar or skimmed milk plates			
29	Draw diagrams to illustrate this activity			