

3.2.1 Organisational Complexity of the Flowering Plant




Self Assessment

Where is your learning at?

Green - I know it all

Orange - I have some idea – study the sections in more detail

Red - I need to start studying this section

	CAN YOU	Green 	Orange 	Red 
1	Correctly put 10 labels on a diagram of the external parts of a flowering plant			
2	State 4 functions of the root			
3	Name the two root types			
4	Identify and label four zones on in a diagram of a longitudinal section [LS] of a root			
5	State the function of each of four root zones			
6	Define the term meristem			
7	Identify two locations of a meristem in a flowering plant			
8	Label the location of three different tissue types in a TS of a root			
9	Label the location of three different tissue types in a longitudinal section [LS] of a root			
10	Label the location of xylem and phloem in a TS of a root			
11	Draw and label a xylem tracheid and a xylem vessel			
12	Give four functions of a stem			
13	State the function of lenticels			
14	Label three different tissue types in a TS of a stem			
15	Label the different tissue types in a LS of a stem			
16	Draw and label phloem			
17	State the function of xylem and phloem			

18	State four differences between monocots and dicots			
19	Give an example of a dicot plant and an example of a monocot plant			
20	Give four functions of a leaf			
21	Describe and give the reason for all the main steps in preparing and examining a dicot stem under the microscope			
22	Draw a dicot stem as seen under the microscope x 100 and x 400			