

Functions of Plant Parts

¹ C				² G											³ D				
U		⁴ C	H	L	O	R	O	P	H	Y	L	L			I				
T				U											F				
I				⁵ C	A	P	I	L	L	A	R	Y			F				
C		⁶ H		O											U				
L		A		S							⁷ T				S				
⁸ E	P	I	D	E	⁹ R	M	I	¹⁰ S			R				I				
		R			O			T		¹¹ C	A	R	B	O	N				
					O			O			N				N			¹² V	
					T			M			S							E	
								¹³ L	E	A	F		P					S	
										T			I					S	
			¹⁴ S					¹⁵ W	A	T	E	R						E	
			A										A					L	
			¹⁶ P	H	O	T	O	S	Y	N	T	H	E	S	I	S			
													I						
								¹⁷ C	H	L	O	R	O	P	L	A	S	T	
															N				

Across

4. Green pigment in plants.[11]
5. Water moves up vessels in stem by _____ action.[9]
8. Outer layer of plant.[9]
11. Gas taken in by plants is _____ dioxide.[6]
13. Plant part where photosynthesis takes place.[4]
15. Common chemical needed for photosynthesis.[5]
16. Plant process to convert water and carbon dioxide to make sugar and oxygen.[14]
17. Organelle containing chlorophyll in plant leaf cells.[11]

Down

1. Waxy layer on leaf.[7]
2. Name of sugar formed by photosynthesis.[7]
3. Movement of chemicals from an excess to a lack.[9]
6. Each root _____ increases surface area for water absorption from soil.[4]
7. Loss of water through leaf.[13]
9. Plant part that takes in water and minerals.[4]
10. Pores in leaf.[7]
12. Tubes in stem that transport sap and water.[7]
14. Plant liquid containing water and nutrients such as sugar.[3]