



Across

1. regulates opening and closing of stomata
3. response to gravity
5. response to touch stimulus
10. functions in structure; houses vascular tissue
11. evolutionary advancement; functions to transport water, minerals & nutrients throughout plant
14. openings on underside of leaf; function in gas exchange
15. chemical messages used for cell communication
16. cell containing membrane-bound organelles
18. evaporation of water from plants
21. respiration process by which all living organisms make energy
22. anther + filament
23. directional response to stimulus
24. waxy covering on plants; functions to prevent transpiration

Down

2. seed leaf
4. process by which autotrophs synthesize food
6. vascular tissue that transports water/minerals from roots up
7. stigma + style + ovary
8. vascular tissue that transports nutrients from leaves out
9. flower structure that connects the stigma to the ovary
12. flower structure containing pollen
13. anchors, absorbs and stores food
14. flower structure that catches pollen
17. flower structure that support anther
19. response to light stimulus
20. flower structure that contains female gametes; develops into fruit

Vocabulary for Crossword

Eukaryote
Thigmotropism
Stem
Hormones
Transpiration
Filament
Stomata
Cotyledon
Guard cells

Cellular respiration
Vascular tissue
Stamen
Tropism
Style
Anther
Gravitropism
Roots
Cuticle

Ovule
Phloem
Xylem
Pistil
Stigma
Photosynthesis
Phototropism