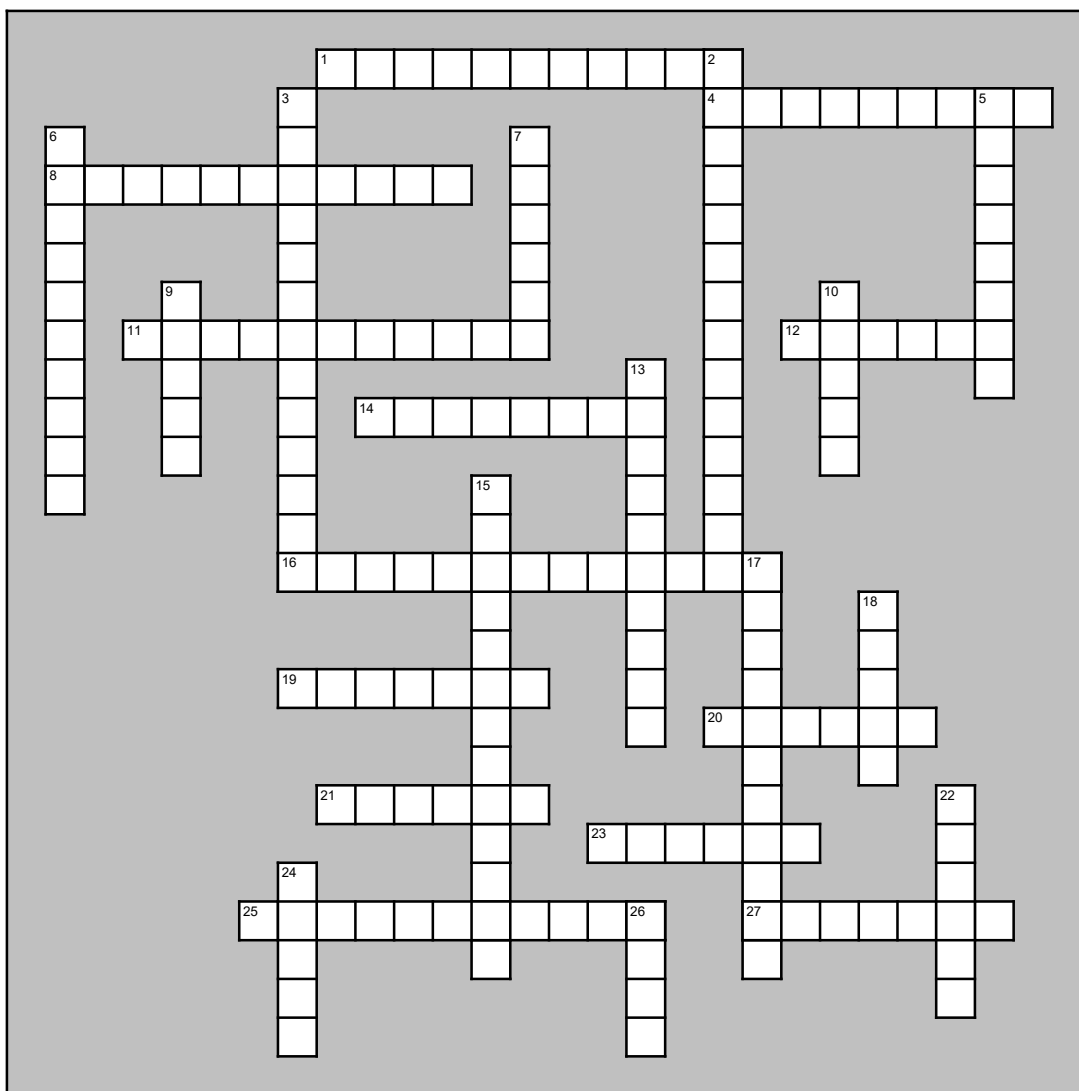


Crossword



Across

1. Support in active areas of growth, especially shoots. Can be photosynthetic.
4. Plants are primary ___ (autotrophic by photosynthesis).
8. ___ of generation; sporophyte (diploid: 2n) and gametophyte (haploid: n).
11. Cone bearing (seeds) plants. Non-flowering. Pine. Spruce.
12. Tissue that fills the space between dermal and vascular tissue. Support. Storage.
14. Tissue transporting water and nutrients. Arranged in bundles. Xylem. Phloem.
16. Support where growth has ceased.
19. Life cycle completes in one year.
20. Study of plants.
21. Single layer of tissue, epidermis. Protective. Secretes waxy coating (water proof).
23. Sperm cells that are transferred from male to female reproductive structures.
25. Key used to identify organisms by distinguishing between numbered statements.
27. One cotyledon (leaf produced by embryo). Fibrous roots. Veins parallel.

Down

2. Found at root tips and buds of shoots. Rapid mitosis of cells.
3. Vascular tissue. Seedless (ferns) and seeds (gymnosperms and angiosperms). Do not need water to reproduce.
5. Root-like structures in bryophytes to anchor and absorb water and nutrients from soil.
6. Photosynthetic ground tissue. Storage in roots.
7. Do not contain vascular tissue.
9. Carries water and minerals. Dead cells. Wood.
10. Wall of tissue surrounding the seed.
13. Mosses and liverworts. No vascular tissue. Need water to reproduce.
15. Zygote produced from gametes (egg + sperm).
17. Flowering plants. Grasses, trees, shrubs. Fruit.
18. Vascular tissue, but no seeds. Water needs for fertilization.
22. Carries nutrients from leaves. Living tissue.
24. Two cotyledons (leaves produced by embryo). Taproots. Veins branched.
26. Embryo and food inside protective coat.