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Plant Science

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| **Across**  **2.** process by which plants produce oxygen and food  **3.** changing from a seed to a seedling  **5.** one of the requirements for germination  **7.** completes life cycle in two growing seasons  **12.** use of plants that benefit sick/injured people  **14.** takes at least three growing seasons to complete life cycle  **15.** reaches maturity in summer  **16.** embryonic root  **17.** food for seed  **18.** mechanical removal of seed coat  **19.** refers to cold tolerance of plants  **20.** connection between plumule and radicle | **Down**  **1.** process by which food and oxygen are turned into energy  **4.** cooling time required before germination  **6.** use of plants that keeps soil from being moved  **8.** protects the seed  **9.** shoot tip  **10.** completes life cycle in one growing season  **11.** reaches maturity in winter  **13.** seed leaves |