1. Explain how the cultivation of wheat has changed over the past 10,000 years.
2. Compare the structure of monocots and eudicots.
3. Compare the structures and functions of roots, stems, and leaves.
4. Distinguish between a taproot, stolon, rhizome, tuber, bulb, petiole, and tendril, and indicate common examples of each from a vegetable garden.
5. Define a tissue system. Describe the three main types of tissue systems found in young eudicot roots, stems, and leaves.
6. Describe the three unique structures found in most plant cells.
7. Describe the structures and functions of the five major types of plant cells.
8. Distinguish between (a) indeterminate and determinate growth and (b) annuals, biennials, and perennials.
9. Describe and compare primary and secondary growth.
10. Describe the parts of a flower and their functions.
11. Describe the processes and events that lead to double fertilization.
12. Explain how a seed forms. Compare the structures of eudicot and monocot seeds and explain the significance of seed dormancy.
13. Describe the structure and functions of fruit.
14. Describe and compare germination in bean and corn plants.
15. Describe examples of cloning in plants.
16. Compare the advantages and disadvantages of asexual versus sexual reproduction.
17. Describe plant adaptations that permit very long lives.

Study your vocabulary!

Study your pictures!