Across
1. self-pollinate, would produce offspring identical to themselves.
3. All of the tall plants have the same, or physical characteristics
12. Today, scientists call the factors that determine traits.
13. During sexual reproduction, sperm and egg cells join in a process
15. A lowercase letter represents the recessive allele for short.
16. Mendel suggested that the alleles for tallness and shortness in the
   F1 plants segregated from each other during the formation of the sex
   cells.
17. The transmission of characteristics from parents to offspring
   (children).
18. The likelihood that a particular event will occur.

Down
2. The offspring of crosses between parents with different traits.
4. A setting apart or separation of people or things from others
5. Organism that have two different alleles for the same trait.
6. The scientific of study of heredity
7. The tall plants do not have the same, or genetic makeup.
8. The gene combinations that might result from a genetic cross can
   be determined by drawing a diagram.
9. A capital letter represents the dominant allele for tall.
10. Organism that have two identical alleles for a particular trait
11. The different forms of a gene.
14. A specific characteristic that varies from one individual to
    another.