

Use pages 10-20 in the unit titled "Genetics and Heredity" to complete the following crossword.

The crossword puzzle grid consists of 16 numbered starting points for words:

- 1: Down, 1st row, 6th column.
- 2: Down, 2nd row, 4th column.
- 3: Across, 2nd row, 4th column.
- 4: Across, 2nd row, 5th column.
- 5: Down, 2nd row, 1st column.
- 6: Down, 3rd row, 2nd column.
- 7: Across, 3rd row, 5th column.
- 8: Across, 3rd row, 1st column.
- 9: Across, 4th row, 6th column.
- 10: Across, 5th row, 3rd column.
- 11: Across, 5th row, 5th column.
- 12: Down, 6th row, 3rd column.
- 13: Across, 6th row, 3rd column.
- 14: Across, 6th row, 7th column.
- 15: Across, 7th row, 4th column.
- 16: Across, 8th row, 3rd column.

Use pages 10-20 in the unit titled "Genetics and Heredity" to complete the following crossword.

Across

3. genetic representation of a family tree that diagrams the inheritance of a trait or disease through several generations
7. having two of the same alleles for a specific gene
8. having two different alleles for a specific trait
9. an individual's allele combination for a specific trait
10. one of two or more versions for a gene
11. the chemical name for the molecule that carries genetic instructions in all living things
13. a reproductive strategy in which offspring receive a duplicate set of genes from a single parent
15. a trait that can mask, or hide, another trait
16. bundles of packed genes

Down

1. an individual's observable traits
2. a trait that could be hidden, and then reappear in later generations
4. traits that are passed from parent to offspring through genes
5. a Christian monk in the 19th century who studied heredity
6. a reproductive strategy in which offspring receive a combination of genes from two parents
12. a piece of a long molecule called deoxyribonucleic acid
14. physical characteristic of an organism