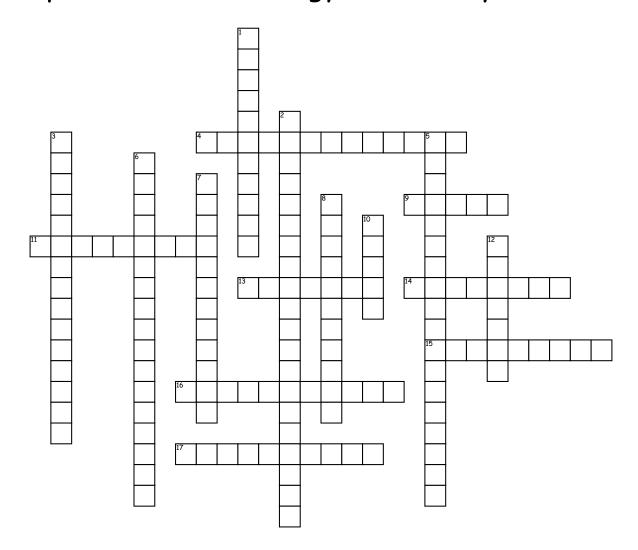
Name:	Date:	Period:
-------	-------	---------

Chapter 19 Biotechnology Vocabulary Crossword



Across

- 4. These are innovations and inventions that involves the use of living organisms.
- 9. This is a unit of DNA that is usually located on a chromosome and that controls the development of one or more traits.
- 11. These are permanent changes or damages that were done to the composition of a DNA gene.
- 13. This is a large molecule composed of one or more chains of amino acids in a specific order determined by the base sequence of nucleotides in the DNA coding.
- 14. This is a type of mutation where a part of the chromosome is missing.

- 15. This is a type of mutation where one or more nucleotides are added to a chromosome.
- 16. This the shape that DNAs take form in.
- 17. These are the building blocks of proteins.

Dowr

- 1. These carries the genetic information of a cell and they contains many genes.
- 2. The molecule that contains the genetic code of organisms. It also has a double-helix shape.
- 3. This is a type nucleic acid in the cells of plants and animals that helps make proteins.

- 5. This is the modification of the characteristics of an organism by manipulating its genetic material.
- 6. This is the use of a DNA probe for the identification of an individual, as for the matching of genes from a forensic sample with those of a criminal suspect.
- 7. This is a type of mutation where a single nucleotide is substituted or exchanged with the wrong nucleotide.
- 8. These makes up part of nucleic acids.
- 10. This is any cell or organism which is genetically identical to another cell or organism.
- 12. This causes mutations.