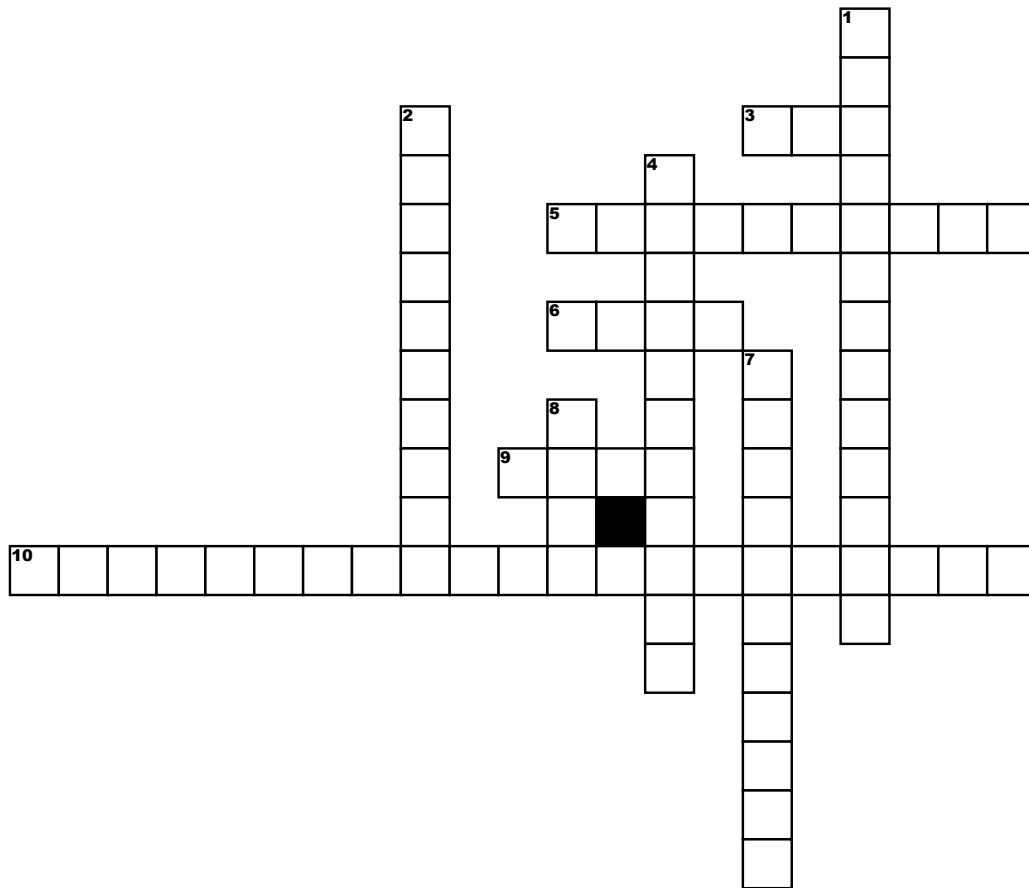


Genetics



Across

3. It is the carrier of genetic information.

5. a threadlike structure of nucleic acids

6. a unit of heredity which is transferred from a parent to offspring

9. is used in translation and consists of a single RNA strand

10. produce two copies that each contained one of the original strands and one new strand.

Down

1. the process by which the information in a strand of DNA is copied into a new molecule of messenger RNA (mRNA)

2. a compound consisting of a nucleoside linked to a phosphate group.

4. the RNA molecule created in the transcription process delivers information from the DNA to the protein building machines

7. A macromolecule that carries over genetic material

8. contains codons that are complementary to the sequence of nucleotides on the template DNA

Word Bank

tRNA

Transcription

Chromosome

DNA

mRNA

Semi-conservative model

Gene

Nucleic acid

Translation

Nucleotide