

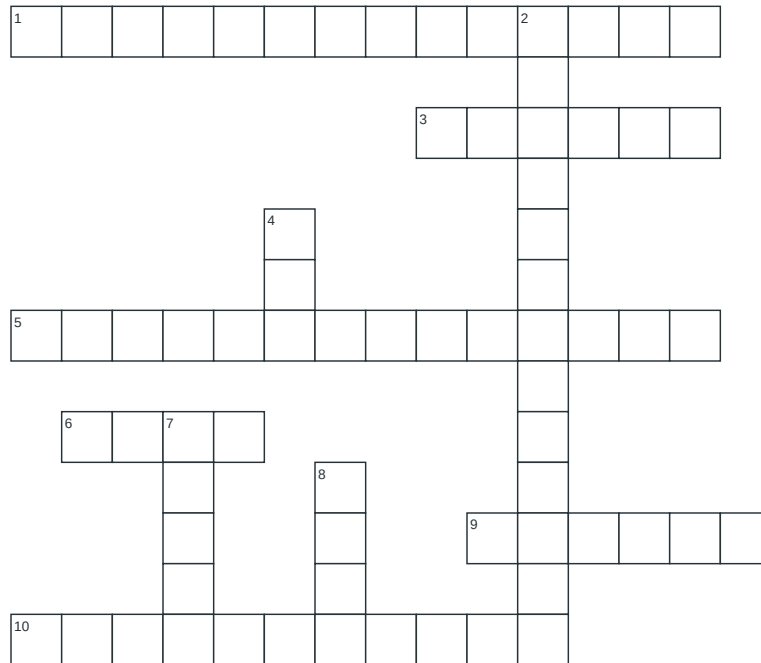
DNA RNA and Protein Synthesis Crossword

Easy | 10 clues | Student Worksheet

Name: _____

Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

1. A supplied key says GCU and GCC both encode alanine. What follows from changing GCU to GCC
3. RNA base that generally replaces thymine
5. Boundary that regulates exchange between a cell and its surroundings.
6. One DNA strand reads ACGT. Which bases pair directly across from it
9. Five-carbon sugar found in RNA
10. Use of an RNA message to assemble a polypeptide

DOWN

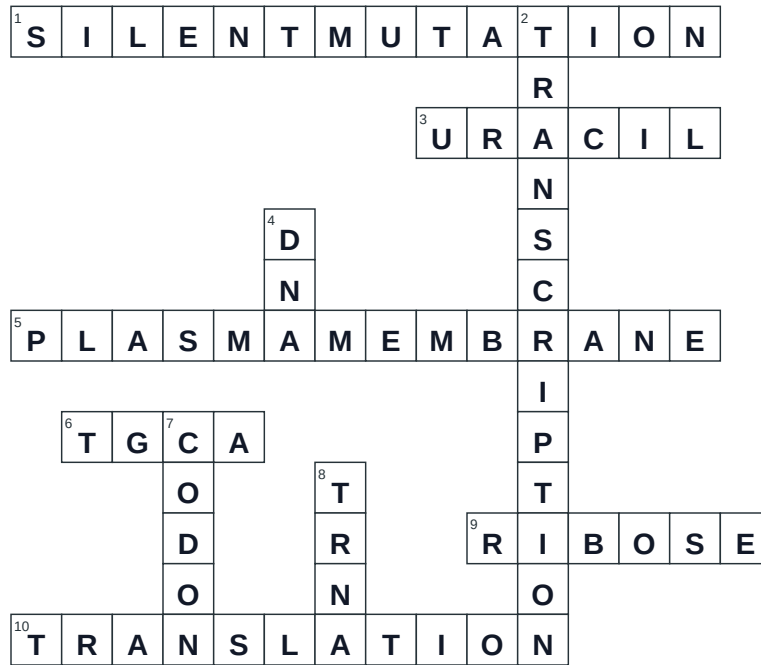
2. Synthesis of RNA from a DNA template
4. Molecule that stores hereditary information in most cells
7. Three-nucleotide sequence in messenger RNA that specifies an amino acid or stop
8. RNA molecule that carries an amino acid to a ribosome

DNA RNA and Protein Synthesis Crossword

Easy | 10 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

1. Silent Mutation
3. Uracil
5. Plasma membrane
6. TGCA
9. Ribose
10. Translation

DOWN

2. Transcription
4. DNA
7. Codon
8. tRNA