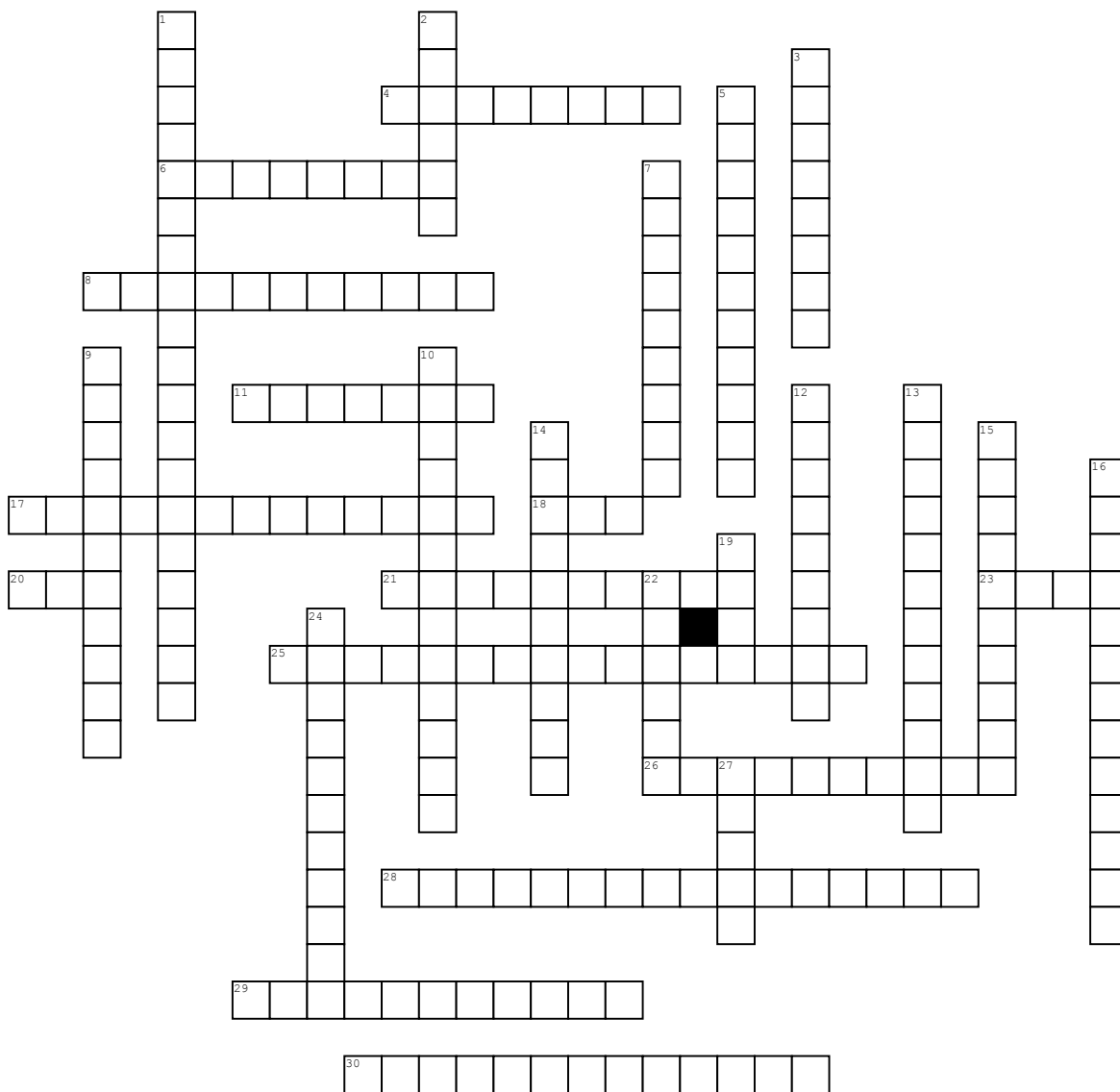


Unit 5 Crossword



Across

4. Discovered transformation
6. change in genetic material
8. 5 carbon sugar found in nucleotides of DNA
11. Protein the DNA wraps around
17. Gene mutation where a change is made at single point
18. Ribonucleic Acid
20. Acronym for Deoxyribonucleic Acid
21. Thymine and Cytosine
23. Coded instructions for protein on DNA
25. Production of a protein
26. DNA wrapped up around the histones

28. two identical copies of a chromosome attached at the centromere
29. mRNA language
30. enzyme that breaks hydrogen bonds and proofreads in DNA replication

Down

1. changes in the whole chromosome
2. Adenine and Guanine
3. Area of DNA that signals enzyme where to start copying
5. Bonding pattern between nitrogen bases
7. Group of three bases on tRNA
9. copying of DNA

10. Enzyme used to copy DNA into mRNA
12. DNA wrapped with proteins to fit in the nucleus
13. Change in the gene
14. Coiled form of DNA for cell division
15. Monomers that join to build a DNA molecule
16. First step in protein synthesis
19. Section of DNA, coded instructions to make proteins and determines a trait
22. non-coded instruction for protein on DNA
24. Second step in protein synthesis
27. Group of three bases on mRNA