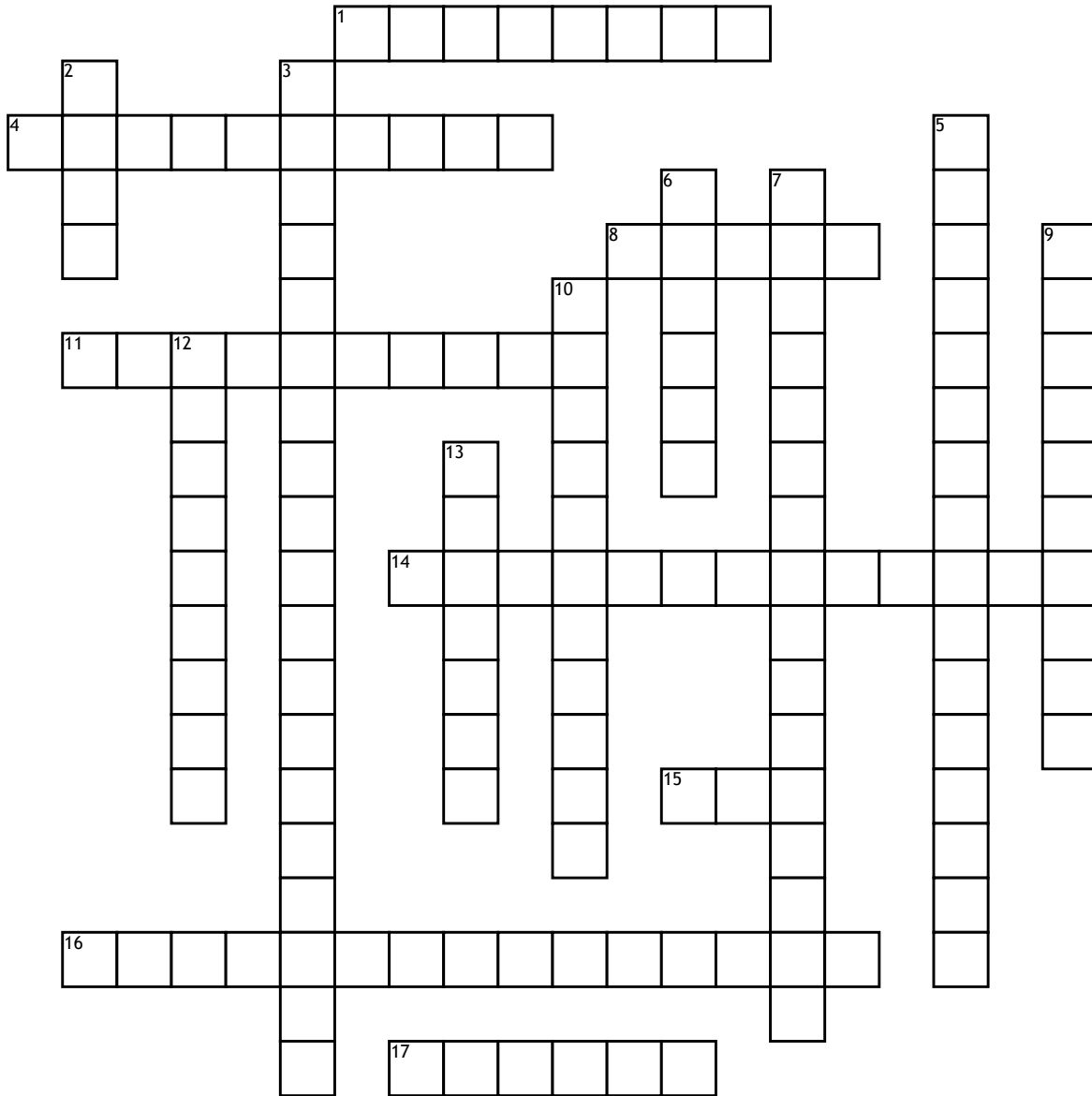


DNA



Across

1. The base that pairs off with guanine
4. Structure joining two threads of a chromosome
8. Natural structure of a DNA molecule
11. Monomers / building blocks of nucleic acids.
14. The chemical bonds which link base pairs in the DNA molecule
15. Nucleic acid that is a constituent of chromosomes.

16. A name given to a DNA found outside the nucleus
17. The base found in RNA not DNA

Down

2. Segment of a chromosome that controls a characteristic/ a unit of sequenced pieces of DNA that carry genetic information that will determine the hereditary characteristics of an organism.
3. The new strand that is made bases on the sequence of nucleotides on the template
5. Visible tread-like structures in the nucleus of an inactive cell
6. Genes present in an organism.
7. A name given to a DNA found inside the mitochondrion
9. A compound consisting of a purine or pyrimidine base linked to a sugar
10. A sugar component DNA
12. The individual threads that form a chromosome.
13. The base that pairs off with adenine