

“Structure of DNA” Video Notes Guide

A Preview of DNA Structure

Complete this notes guide to help you collect important information from the video to use while studying.

1. The two strands of DNA intertwine to form a shape known as a _____.
2. What two things make up the backbone, or sides of DNA?
3. Where are the bases located in the DNA molecule?
4. DNA has an overall **positive/negative** charge (circle one). What is the cause of this?
5. **Pyrimidine** bases are composed of _____ ring/s.
6. **Purine** bases are composed of _____ rings.
7. What contributes to the stability of the DNA molecule?
8. Draw a line to below to match up the bases that pair up across the strand of DNA:

Adenine (A)

Guanine (G)

Cytosine (C)

Thymine (T)

9. What type of bonds connect these base pairs?
10. What does ‘**complimentary**’ base pairing mean?