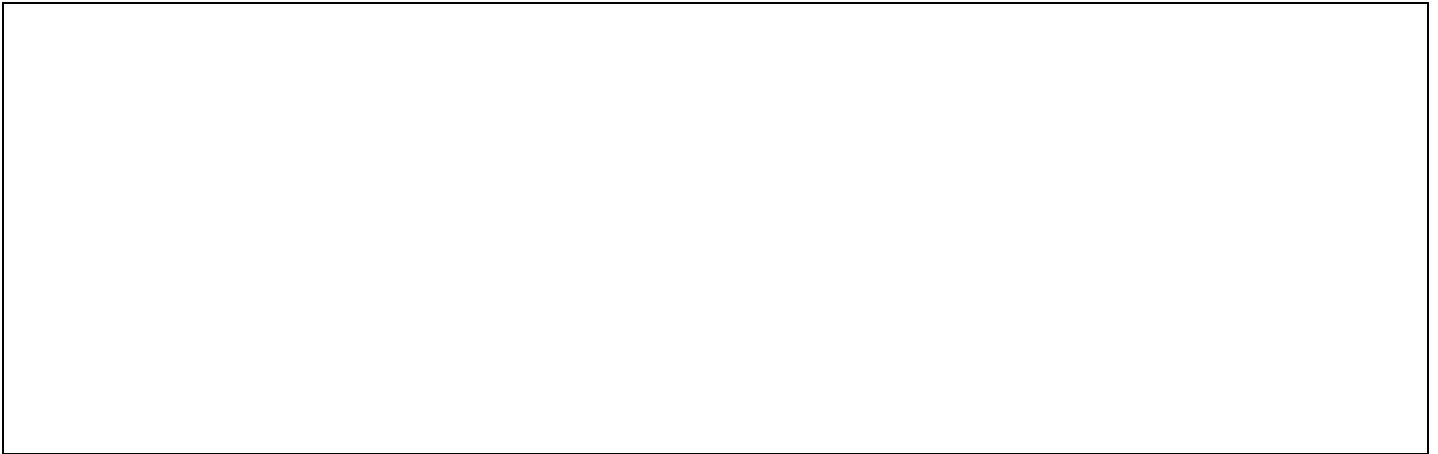


2.6 Structure of DNA and RNA

Nucleic Acid Structure

Draw the basic structure of a nucleotide, labelling its parts



Differentiate between the different types of nitrogenous bases

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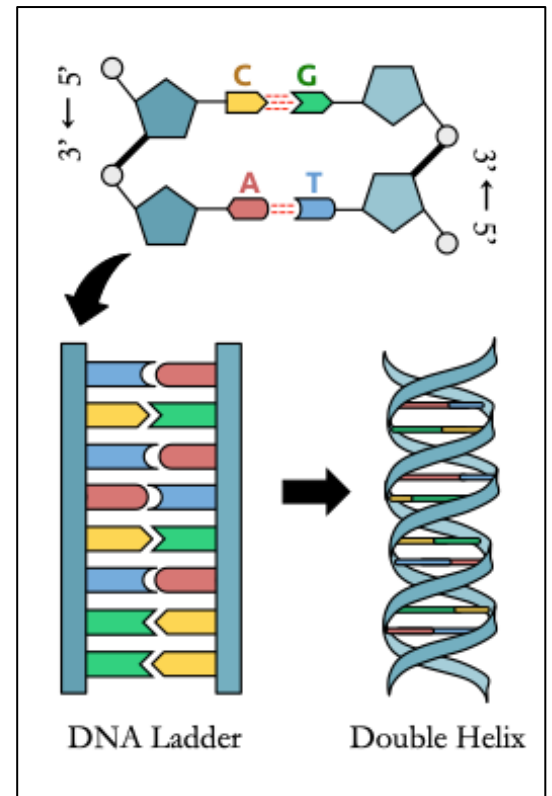
Compare the structure of DNA and RNA

| | DNA | RNA |
|---------|-----|-----|
| Sugar | | |
| Bases | | |
| Strands | | |

List three types of RNA

1.
2.
3.

Outline, with the aid of the diagram, how nucleotides are linked together to form DNA strands



List the contributions of the following scientists to the elucidation of DNA structure

- Linus Pauling:
- Phoebus Levene:
- Erwin Chargaff:
- Rosalind Franklin:

Describe how Watson and Crick proposed the structure of DNA via model making

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