DNA Intro Questions
Biology

(Adapted from "DNA Structure" website -
https://www.umass.edu/microbio/chime/dna/index1.htm)

Use web resources to type the answers to these questions **on your own**. (Wikipedia has a particularly useful entry on DNA.) Type your work in Google Docs and submit through Showbie.

1. What is a "strand" of DNA?
2. How many strands make up a DNA double helix?
3. What holds one strand against the other in the double helix?
4. How do cells make accurate copies of DNA?
5. During what process do cells need to duplicate their DNA?
6. What information is coded into DNA?
7. What is a "codon"?
8. What is "replication" of DNA?
9. What is "transcription" of DNA?
10. What is "translation" of DNA?
11. What are the four DNA bases? Include the full name and the standard initials.
12. What is RNA and how does it differ from DNA?
13. What is the RNA base that is not found in DNA (include the full name and the standard initial)? Which DNA base does it replace?
14. What are some of the things RNA is used for?