

Name: _____ Period: _____ Date: _____



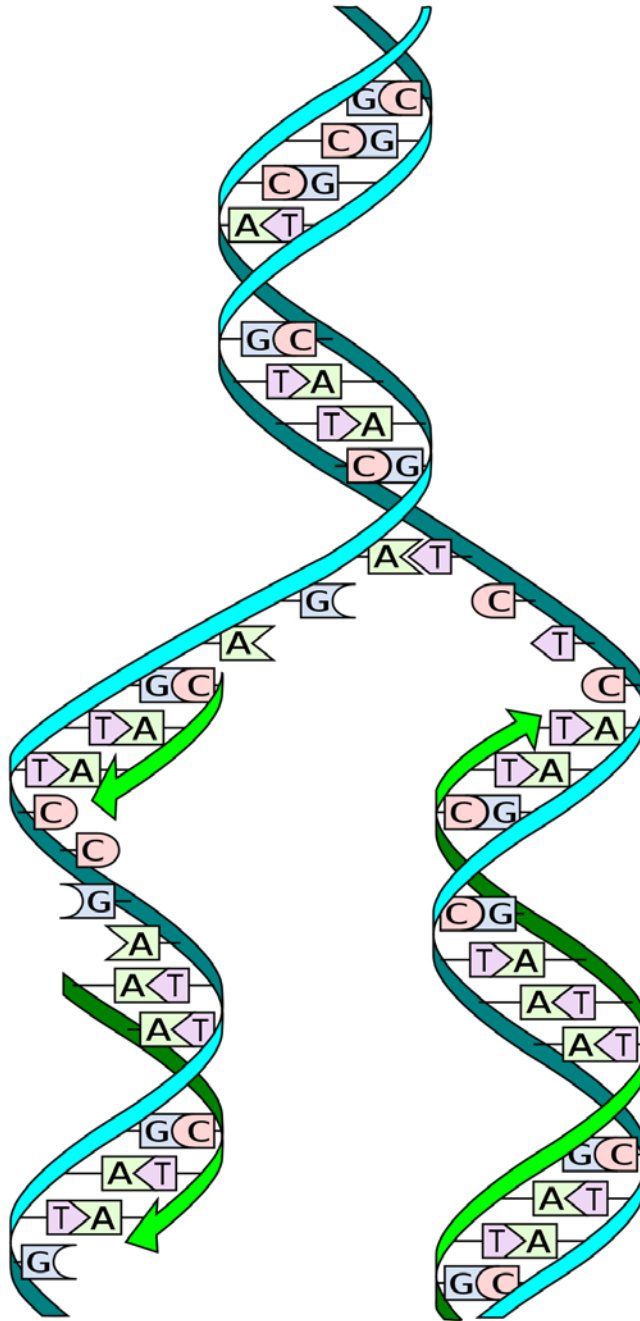
Penguin Bay Biology

- Biology Class, Simplified -

8.4 Student Activity

DNA Replication

Using your notes as a reference, draw and label the following features on the image below: leading strand, lagging strand, helicase, single-strand binding proteins, topoisomerase, DNA polymerase, Okazaki fragment, primase, and DNA ligase.



8.4 Student Activity

DNA Replication



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Analysis

1. In your own words, what is the primary function of helicase? _____

2. What change occurs in the double helix as a result of the helicase? _____

3. In your own words, what is the primary function of DNA polymerase? _____

4. What two things are necessary for DNA polymerase to carry out its primary function? _____
