AP Biology – Ms. Baker

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**DNA Replication Vocabulary List (*Will count as a classwork grade*) – Due 12/5**

Origins of Replication

Replication bubble

Replication fork

Helicase

Single stranded binding proteins

Topoisomerase

Primer

Primase

DNA Polymerase

Anti-parallel Elongation

Leading strand

Lagging strand

Okazaki fragment

DNA Ligase

Mismatch repair

Nuclease

Nucleotide excision repair

Telomeres

Telomerase

(OVER)

PART 2: **Construct** a labeled diagram of DNA Replication. Include as many of the terms on sheet one as you can. **Use different color pencils for each structure.** Below your diagram, **write a paragraph** summarizing the sequence of events that take place during replication and the molecules involved in each event.

**The more detailed and clear your diagram and summary are, the better your grade will be.**