me		Date
DNA REPLICATION OVERVIEW		
Mat	tch the enzymes and	d protein to its function.
Primase	•	Unwind the double strand of DNA by breaking hydrogen bonds between the nitrogenous bases
DNA Polymerase I	•	Bind to the unwound DNA strand, and prevent them for annealing
DNA Polymerase III	•	Removes RNA primer and replaces it with DNA nucleotides
Helicase	•	Synthesis RNA primer by adding RNA nucleotides using 3' end of the parental DNA strand as a template.
Single-strand binding proteins	_•	Recognizes the 3' OH end of the RNA primer, and adds free complementary DN nucleotides
Topoisomerase	•	Joins the Okazaki fragments by forming phospodiester bonds to form continuous DNA strands
DNA Ligase	•	Relieves tension to the DNA molecule by nicking and cutting certain placed on the phosphate backbone