CHAPTER 12 STUDY GUIDE

SECTION 1

* Vocabulary
	+ Double helix
	+ Nucleosome
* Scientists
	+ Griffith
	+ Avery
	+ Chase and Hersey
	+ **Watson and Crick- what do they discover**
* DNA structure
	+ Shape
	+ Base pairing
	+ What type of bond binds them
	+ What molecules make DNA (deoxyribosenucleic acid, phosphate, etc)
	+ Orientation 5’-3’

SECTION 2

* Vocabulary
	+ Semiconservative replication
	+ DNA polymerase
	+ Okazaki fragment
* Explain DNA replication
	+ Purpose
	+ Enzymes involved
* Comparing DNA replication in Eukaryotes and Prokaryotes
	+ Nucleus other without nucleus

SECTION 3

* Vocabulary
	+ RNA
	+ Messanger RNA
	+ Ribosomal RNA
	+ Transfer RNA
	+ Transcription
	+ RNA polymerase
	+ Codon
	+ translation
* Differences between DNA and RNA
* Types of RNA
* Transcription
	+ Purpose
	+ Enzymes involved
* Translation
	+ tRNA and its parts
		- anticodons
	+ Ribosome
	+ Polypeptides
	+ Making proteins