

## Modern Genetics Unit

Ch.	Pages	Topics and Major Concepts	Labs and Activities	Homework
<b>13</b>	253-256	Hereditary Material		Read textbook MB: 13.1: Evidence and structure Bozeman Video: <a href="#">DNA and RNA part I</a>
	256-259	DNA structure	Watson and Crick paper	Read textbook MB: 13.2: Replication
	259-260 261-265	DNA replication	PB: 16.2: DNA replication MB: DNA replication tutorial	Read textbook
<b>14</b>	280-284	Overview of protein synthesis	Protein synthesis Worksheet	Read textbook
	284-288	Transcription and RNA processing	Protein synthesis Worksheet	Read textbook MB: 14.2: RNA synthesis
	288-289 291-293	Translation	Protein synthesis Worksheet	Read textbook MB: 14.4: Protein synthesis Bozeman Video: <a href="#">DNA and RNA part II</a>
		Review	Test: Chapters 13 and 14	
<b>15, 16</b>	303-307	Prokaryotic gene expression		Read textbook
	308-310	Eukaryotic gene expression		Read textbook
	322-324	Cell Differentiation		Read textbook
<b>14, 24</b>	298-300	Mutations		Read textbook
	484-486	Prokaryotic Genetic Recombination		Read textbook
<b>13</b>	270-273	Biotechnology		Read textbook