

Genetics Unit

Ch.	Pages	Topics and Major Concepts	Labs and Activities	Homework
10	205-207	Meiosis	Activity: Stages of Meiosis	Read textbook MB: 10.3: Meiosis
	208-210	Mitosis Vs. Meiosis	SSE: Converting between units AP [®] Lab #7: Cell Division: Meiosis	Read textbook
	210-212	Meiosis and Genetic Diversity		Read textbook MB: 10.4: Genetic variation
11	215-218	Law of Segregation	Mathematics and genetic problem solving Fruit fly genetics lab	Read textbook MB: 11.1: Mendel's Law of Segregation
	228-229	Pedigree Charts		
	219-221	Law of Independent Assortment	PB: 14.1: Genetic vocabulary Mathematics and genetic problem solving PB: 14.2: Modeling meiosis	Read textbook MB: 11.2: Independent Assortment MB: Genetic activities
	223-225	Beyond Mendelian Genetics	Mathematics and genetic problem solving SSE: Analyzing distribution patterns	Read textbook MB: 11.3: Extended Genetics
		Test: Chapters 10-11		
12	242-244	Gene (autosomal) linkage		Read textbook MB: 12.1: Chromosomal inheritance
	239-240	Sex-Linkage		Read textbook
		Non-nuclear DNA/Environmental impact		Read textbook
	229-231 248-250	Genetic Disorders		Read textbook MB: 12.4: Chromosomal mutations