

Unit 3—Genetics and Heredity—Advanced Prep

	Number of Days Prior to the Lesson:	Items for the Teacher	Items for the Students	Items for each Group (class set)	Differentiation between Honors and Regular
Part 1—DNA Structure and Replication					
Lesson 1	1-2 days	Download: <ul style="list-style-type: none"> DNA structure power point 	Print and Copy (if possible onto colored paper): <ul style="list-style-type: none"> DNA paper nucleotide models Materials needed: <ul style="list-style-type: none"> Staplers Paper clips 		
Lesson 2	1-2 days	Download <ul style="list-style-type: none"> DNA replication power point 	Print and Copy: <ul style="list-style-type: none"> Quiz 		
Lesson 3	1-2 days	Download <ul style="list-style-type: none"> DNA is information molecule power point 	Print and Copy: <ul style="list-style-type: none"> DNA experiments worksheet 		
Part 2—Genetic Diseases and Cancer					
Lesson 1	1-2 days	Download: <ul style="list-style-type: none"> Cancer power point 		Print and Copy: <ul style="list-style-type: none"> Breast Cancer information Cancer Drugs 	
Lesson 2	1-2 days	Download:	Print and Copy:		