

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
<b>Part 1— DNA Structure and Replication</b>					
Lesson 1	1-2 days	Download: <ul style="list-style-type: none"> <li>DNA structure power point</li> </ul>	Print and Copy (if possible onto colored paper): <ul style="list-style-type: none"> <li>DNA paper nucleotide models</li> </ul> Materials needed: <ul style="list-style-type: none"> <li>Staplers</li> <li>Paper clips</li> </ul>		
Lesson 2	1-2 days	Download <ul style="list-style-type: none"> <li>DNA replication power point</li> </ul>	Print and Copy: <ul style="list-style-type: none"> <li>Quiz</li> </ul>		
Lesson 3	1-2 days	Download <ul style="list-style-type: none"> <li>DNA is information molecule power point</li> </ul>	Print and Copy: <ul style="list-style-type: none"> <li>DNA experiments worksheet</li> </ul>		
<b>Part 2— Genetic Diseases and Cancer</b>					
Lesson 1	1-2 days	Download: <ul style="list-style-type: none"> <li>Cancer power point</li> </ul>		Print and Copy: <ul style="list-style-type: none"> <li>Breast Cancer information</li> <li>Cancer Drugs</li> </ul>	
Lesson 2	1-2 days	Download:	Print and Copy:		