

AP Biology		Per 8			3/9-3/13		
Unit/Theme		Objectives	Activities	Homework	Closure/Review	Assessment	
M O N	No School	No School	No School	No School	No School	No School	
T U E S	No Class	No Class	No Class	No Class	No Class	No Class	
W E D	Genetical Engineering and Biotechnology	<ul style="list-style-type: none"> Restriction enzymes are used to fragment DNA Gel electrophoresis is used to separate proteins or fragments of DNA according to size. PCR can be used to amplify small amounts of DNA. DNA profiling involves comparison of DNA. Genetic modification is carried out by gene transfer between species. 	<ul style="list-style-type: none"> Turn in Restriction Enzyme Lab Lab: Transformation *Grow E. coli Lab: DNA Fingerprinting (new one day lab) 	<ul style="list-style-type: none"> Read Ch 14 Print Transformation (pGLO) Lab answer sheet 	<ul style="list-style-type: none"> Running a gel 	<ul style="list-style-type: none"> Restriction Enzyme Manipulative Lab 	
T H U R S	No Class	No Class	No Class	No Class	No Class	No Class	
F R I	Genetical Engineering and Biotechnology	<ul style="list-style-type: none"> Restriction enzymes are used to fragment DNA Gel electrophoresis is used to separate proteins or fragments of DNA according to size. PCR can be used to amplify small amounts of DNA. DNA profiling involves comparison of DNA. Genetic modification is carried out by gene transfer between species. 	<ul style="list-style-type: none"> AP Lab: Bacterial Transformation *Transform Bacteria *Spread on plates Lab: DNA Fingerprinting *Analyze Gels *Plot marker on regular graph paper and semi-log paper 	<ul style="list-style-type: none"> Read Ch 14 DNA Fingerprinting Lab Due Study for Biotechnology and Genetic Engineering Quiz 	<ul style="list-style-type: none"> Extrapolating base pair size 	<ul style="list-style-type: none"> Restriction Enzyme Manipulative Lab DNA Fingerprinting Lab Transformation Lab 	