

Planned Course: Genetics		Course Number: S407		Department: Science	
Unit: History of Genetics		Grade Level: 10-12		Date Approved: 8/24/09	
Estimated Time: 1 week		Level/Track:			
PA Academic Standards	Core Concepts (in question format) • Skills/Knowledge	Activities/Strategies/Study Skills (identify some activities as remedial or enrichment activities)	Assessments (include types and topics)		

S11.A.1.2.1 Apply and explain scientific concepts to societal issues using case studies	<p>► What is the historical impact of genetics on society?</p> <ul style="list-style-type: none"> • Students will be able to explain concept of Eugenics and its impact on immigration. 	<ul style="list-style-type: none"> – Teacher lecture on Eugenics – Discussion on the ethics of sterilization laws – Ethical Debate on comparisons to Hitler 	<p>All assessment are aligned to the core concepts:</p> <ul style="list-style-type: none"> • Chapter 1 test: multiple choice, matching, and short answer 		
S11.A.1.2.2 Use case studies to propose possible solutions and analyze economic and environmental implications of solutions for real world problems.	<p>► How is genetics directly tied into immigration laws, social policy, and reproductive rights?</p> <ul style="list-style-type: none"> • Students will be able to discuss how eugenics was linked to Nazi movement and its impact on immigration and sterilization laws in the United States 	<ul style="list-style-type: none"> – Teacher lecture – Discussion of U.S. Supreme Court Buck vs. Bell – Round table discussion on whether or not sterilization laws could be used today 	<ul style="list-style-type: none"> • Chapter 1 objective test questions • Class participation during round table discussions 		