

	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	Martin Luther King, Jr Holiday – Schools Closed					
TUE	Inclement Weather Day – Schools Closed					
WED	Inclement Weather Day – Schools Closed					
THUR	<p>Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology</p>	<p>Bell Ringer:</p> <p>Genetics Lab 1: What Will Our Baby Look Like? Part I</p>	<p>__ Textbook <input checked="" type="checkbox"/> Laboratory Experience <input checked="" type="checkbox"/> Handout/Worksheet __ Assessment __ PowerPoint __ Slides/Pictures __ Video __ Chart/Graph <input checked="" type="checkbox"/> Model __ Chromebook/Computer __ Other:</p>	<p>Complete any assignments not finished in class.</p>	<p>__ Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input checked="" type="checkbox"/> Quiz <input checked="" type="checkbox"/> Test __ Project/Report/Presentation <input checked="" type="checkbox"/> Daily work __ Observation __ Worksheet/Handout __ Lab/Lab Composition <input checked="" type="checkbox"/> Class/Group Participation __ Other:</p>	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes. 12. Develop and use models to explain how genes are expressed through the flow of genetic information from DNA to RNA to a functional protein. 13. Develop and use models to explain that meiosis results in new genetic combinations with increased variation. a. Construct an explanation of the advantages and disadvantages of asexual and sexual reproduction. b. Construct an explanation from evidence of how genetic variants may result in harmful, beneficial, or neutral effects on the structure and function of an organism. 14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms</p>
FRI	<p>Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology</p>	<p>Bell Ringer:</p> <p>Genetics Lab : What Will Our Baby Look Like? Part II</p>	<p>__ Textbook <input checked="" type="checkbox"/> Laboratory Experience <input checked="" type="checkbox"/> Handout/Worksheet __ Assessment __ PowerPoint __ Slides/Pictures __ Video __ Chart/Graph <input checked="" type="checkbox"/> Model __ Chromebook/Computer __ Other:</p>	<p>Complete any assignments not finished in class.</p>	<p><input checked="" type="checkbox"/> Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input checked="" type="checkbox"/> Quiz __ Test __ Project/Report/Presentation <input checked="" type="checkbox"/> Daily work __ Observation __ Worksheet/Handout <input checked="" type="checkbox"/> Lab/Lab Composition <input checked="" type="checkbox"/> Class/Group Participation __ Other:</p>	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes. 12. Develop and use models to explain how genes are expressed through the flow of genetic information from DNA to RNA to a functional protein. 13. Develop and use models to explain that meiosis results in new genetic combinations with increased variation. a. Construct an explanation of the advantages and disadvantages of asexual and sexual reproduction. b. Construct an explanation from evidence of how genetic variants may result in harmful, beneficial, or neutral effects on the structure and function of an organism. 14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms</p>