

	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	<p>Bell Ringer: Define polygenetic inheritance.</p> <ul style="list-style-type: none"> Amoeba Sisters: Incomplete Dominance, Codominance, Polygenic Traits & Epistasis Punnett Squares-Codominance & Incomplete Dominance Genetic Disorders Project Selection 	<input checked="" type="checkbox"/> _X_ Textbook <input type="checkbox"/> _Laboratory Experience <input checked="" type="checkbox"/> _X_ Handout/Worksheet <input type="checkbox"/> _Assessment <input type="checkbox"/> _PowerPoint <input type="checkbox"/> _Slides/Pictures <input checked="" type="checkbox"/> _X_ Video <input type="checkbox"/> _Chart/Graph <input type="checkbox"/> _Model <input checked="" type="checkbox"/> _X_ Chromebook/Computer <input type="checkbox"/> _Other:	<p>Study for 5.2 Vocabulary/Spelling Test</p> <p>Work on Genetic Disorders Project</p>	<input type="checkbox"/> _Oral Response <input type="checkbox"/> _Homework <input checked="" type="checkbox"/> _X_ Notebook <input type="checkbox"/> _Quiz <input type="checkbox"/> _Test <input type="checkbox"/> _Project/Report/Presentation <input checked="" type="checkbox"/> _X_ Daily work <input type="checkbox"/> _Observation <input type="checkbox"/> _Worksheet/Handout <input type="checkbox"/> _Lab/Lab Composition <input checked="" type="checkbox"/> _X_ Class/Group Participation <input type="checkbox"/> _Other:	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes.</p> <p>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.</p> <p>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.</p> <p>14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms</p>
TUE	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	<p>Bell Ringer: What is a dihybrid cross?</p> <ul style="list-style-type: none"> 5.2 Vocabulary/Spelling Test Amoeba Sisters-Dihybrid Cross Punnett Squares-Dihybrid Cross 	<input type="checkbox"/> _X_ Textbook <input type="checkbox"/> _Laboratory Experience <input checked="" type="checkbox"/> _X_ Handout/Worksheet <input type="checkbox"/> _Assessment <input type="checkbox"/> _PowerPoint <input type="checkbox"/> _Slides/Pictures <input checked="" type="checkbox"/> _X_ Video <input type="checkbox"/> _Chart/Graph <input type="checkbox"/> _Model <input checked="" type="checkbox"/> _X_ Chromebook/Computer <input type="checkbox"/> _Other:	<p>Work on Genetic Disorders Project</p> <p>5.3- DNA and Genetics: Read pp. 170-172</p>	<input type="checkbox"/> _Oral Response <input type="checkbox"/> _Homework <input type="checkbox"/> _Notebook <input type="checkbox"/> _Quiz <input type="checkbox"/> _Test <input type="checkbox"/> _Project/Report/Presentation <input checked="" type="checkbox"/> _X_ Daily work <input type="checkbox"/> _Observation <input type="checkbox"/> _Worksheet/Handout <input type="checkbox"/> _Lab/Lab Composition <input checked="" type="checkbox"/> _X_ Class/Group Participation <input type="checkbox"/> _Other:	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes.</p> <p>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.</p> <p>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.</p> <p>14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms</p>
WED	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	<p>Bell Ringer: List the various blood types.</p> <ul style="list-style-type: none"> Punnett Squares: Blood Type Amoeba Sisters: DNA, Chromosomes, Genes and Traits 	<input type="checkbox"/> _X_ Textbook <input type="checkbox"/> _Laboratory Experience <input checked="" type="checkbox"/> _X_ Handout/Worksheet <input type="checkbox"/> _Assessment <input type="checkbox"/> _PowerPoint <input type="checkbox"/> _Slides/Pictures <input checked="" type="checkbox"/> _X_ Video <input type="checkbox"/> _Chart/Graph <input type="checkbox"/> _Model <input checked="" type="checkbox"/> _X_ Chromebook/Computer <input type="checkbox"/> _Other:	<p>Study for 5.3 Vocabulary/Spelling Test</p> <p>5.3- DNA and Genetics: Read pp. 173-176</p>	<input type="checkbox"/> _Oral Response <input checked="" type="checkbox"/> _X_ Homework <input checked="" type="checkbox"/> _X_ Notebook <input type="checkbox"/> _Quiz <input checked="" type="checkbox"/> _X_ Test <input type="checkbox"/> _Project/Report/Presentation <input checked="" type="checkbox"/> _X_ Daily work <input checked="" type="checkbox"/> _X_ Observation <input checked="" type="checkbox"/> _X_ Worksheet/Handout <input type="checkbox"/> _Lab/Lab Composition <input checked="" type="checkbox"/> _X_ Class/Group Participation <input type="checkbox"/> _Other:	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes.</p> <p>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.</p> <p>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.</p> <p>14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms</p>

THUR	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What is DNA? <ul style="list-style-type: none"> • Making Proteins • The Role of RNA 	<input checked="" type="checkbox"/> Textbook <input type="checkbox"/> Laboratory Experience <input checked="" type="checkbox"/> Handout/Worksheet <input type="checkbox"/> Assessment <input type="checkbox"/> PowerPoint <input type="checkbox"/> Slides/Pictures <input type="checkbox"/> Video <input type="checkbox"/> Chart/Graph <input checked="" type="checkbox"/> Model <input checked="" type="checkbox"/> Chromebook/Computer <input type="checkbox"/> Other:	Work on Genetic Disorders Project	<input type="checkbox"/> Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input checked="" type="checkbox"/> Quiz <input checked="" type="checkbox"/> Test <input type="checkbox"/> Project/Report/Presentation <input checked="" type="checkbox"/> Daily work <input type="checkbox"/> Observation <input type="checkbox"/> Worksheet/Handout <input type="checkbox"/> Lab/Lab Composition <input checked="" type="checkbox"/> Class/Group Participation <input type="checkbox"/> Other:	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes.</p> <p>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.</p> <p>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.</p> <p>14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.</p>
FRI	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What is a nucleotide? LAB Prep: Candy DNA Molecule	<input checked="" type="checkbox"/> Textbook <input checked="" type="checkbox"/> Laboratory Experience <input checked="" type="checkbox"/> Handout/Worksheet <input type="checkbox"/> Assessment <input type="checkbox"/> PowerPoint <input type="checkbox"/> Slides/Pictures <input type="checkbox"/> Video <input type="checkbox"/> Chart/Graph <input checked="" type="checkbox"/> Model <input checked="" type="checkbox"/> Chromebook/Computer <input type="checkbox"/> Other:	Work on Genetic Disorders Project	<input checked="" type="checkbox"/> Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input type="checkbox"/> Quiz <input type="checkbox"/> Test <input type="checkbox"/> Project/Report/Presentation <input checked="" type="checkbox"/> Daily work <input type="checkbox"/> Observation <input type="checkbox"/> Worksheet/Handout <input checked="" type="checkbox"/> Lab/Lab Composition <input checked="" type="checkbox"/> Class/Group Participation <input type="checkbox"/> Other:	<p>11. Develop and use models to demonstrate how genetic variations between parents and offspring result from differences in inherited genes located on chromosomes.</p> <p>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.</p> <p>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.</p> <p>14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.</p>