

	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: How do changes in the sequence of DNA affect traits? 5.3 DNA and Genetics 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:		<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:	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
TUE	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What is replication? Launch Lab: How are codes used to determine traits? Amoeba Sisters: DNA Replication	<input type="checkbox"/> _X_Textbook <input checked="" type="checkbox"/> _X_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:		<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 checked="" type="checkbox"/> _X_Lab/Lab Composition <input checked="" type="checkbox"/> _X_Class/Group Participation <input type="checkbox"/> _Other:	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
WED	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What is the role of RNA in protein production? Lab Prep-Candy DNA Molecule	<input checked="" type="checkbox"/> _X_Textbook <input checked="" type="checkbox"/> _X_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:		<input type="checkbox"/> _Oral Response <input checked="" type="checkbox"/> _X_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 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:	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

THUR	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What are the three types of RNA? Lab-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:		<input type="checkbox"/> Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input 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 checked="" 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>
FRI	Heredity: Inheritance and Variation of Traits: Genetics & Biotechnology	Bell Ringer: What is a codon? Chapter 5 Test	<input checked="" type="checkbox"/> Textbook <input checked="" type="checkbox"/> Laboratory Experience <input checked="" type="checkbox"/> Handout/Worksheet <input checked="" 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:		<input checked="" type="checkbox"/> Oral Response <input checked="" type="checkbox"/> Homework <input checked="" type="checkbox"/> Notebook <input 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 checked="" 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>