

	OBJECTIVES	ACTIVITIES	RESOURCES	HOMEWORK	EVALUATION	STANDARDS
MON	Construct an explanation of how the process of mitosis maintains complex organisms and ensures new cells with identical genetic information.	<b>Bell Ringer:</b> What is asexual reproduction and why is it beneficial? Ch. 4 -Reproduction of Organisms Vocabulary CH4L1 –Sexual Reproduction and Meiosis Notes	<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 type="checkbox"/> _Model <input checked="" type="checkbox"/> _Chromebook/Computer <input type="checkbox"/> _Other:	Complete any assignments not finished in class.	<input type="checkbox"/> _Oral Response <input checked="" 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"/> _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:	<u>Heredity: Inheritance and Variation of Traits</u> <b>Genetics &amp; Biotechnology</b> S13. 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. S14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.
TUE	Construct an explanation of how the process of mitosis maintains complex organisms and ensures new cells with identical genetic information.	<b>Bell Ringer:</b> What is the order of the phases of meiosis? CH4L1 -Content Vocabulary Relations CH4L1 -Challenge: Sequencing Meiosis	<input 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:	CH4L1-Lesson 1 Review (p.126 #s 1-3)	<input type="checkbox"/> _Oral Response <input checked="" 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"/> _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:	<u>Heredity: Inheritance and Variation of Traits</u> <b>Genetics &amp; Biotechnology</b> S13. 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. S14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.
WED	Construct an explanation of how the process of mitosis maintains complex organisms and ensures new cells with identical genetic information.	<b>Bell Ringer:</b> Why is meiosis important? Amoeba Sisters-Meiosis Amoeba Sisters Meiosis Video Recap	<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 checked="" type="checkbox"/> _Video <input type="checkbox"/> _Chart/Graph <input checked="" type="checkbox"/> _Model <input checked="" type="checkbox"/> _Chromebook/Computer <input type="checkbox"/> _Other:	Complete any assignments not finished in class.	<input type="checkbox"/> _Oral Response <input checked="" type="checkbox"/> _Homework <input 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 checked="" type="checkbox"/> _Observation <input checked="" type="checkbox"/> _Worksheet/Handout <input type="checkbox"/> _Lab/Lab Composition <input checked="" type="checkbox"/> _Class/Group Participation <input type="checkbox"/> _Other:	<u>Heredity: Inheritance and Variation of Traits</u> <b>Genetics &amp; Biotechnology</b> S13. 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.

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<b>THUR</b>	<p>Construct an explanation of how the process of mitosis maintains complex organisms and ensures new cells with identical genetic information.</p>	<p><b>Bell Ringer:</b> Distinguish between diploid and haploid cells.</p> <p>Amoeba Sisters- Mitosis vs. Meiosis</p> <p>Amoeba Sisters-Mitosis vs. Meiosis Video Recap</p>	<p><input checked="" type="checkbox"/> Textbook</p> <p><input type="checkbox"/> Laboratory Experience</p> <p><input checked="" type="checkbox"/> Handout/Worksheet</p> <p><input type="checkbox"/> Assessment</p> <p><input type="checkbox"/> PowerPoint</p> <p><input type="checkbox"/> Slides/Pictures</p> <p><input checked="" type="checkbox"/> Video</p> <p><input type="checkbox"/> Chart/Graph</p> <p><input checked="" type="checkbox"/> Model</p> <p><input checked="" type="checkbox"/> Chromebook/Computer</p> <p><input type="checkbox"/> Other:</p>	<p>Complete any assignments not finished in class.</p>	<p><input type="checkbox"/> Oral Response</p> <p><input checked="" type="checkbox"/> Homework</p> <p><input type="checkbox"/> Notebook</p> <p><input type="checkbox"/> Quiz</p> <p><input checked="" type="checkbox"/> Test</p> <p><input type="checkbox"/> Project/Report/Presentation</p> <p><input checked="" type="checkbox"/> Daily work</p> <p><input type="checkbox"/> Observation</p> <p><input type="checkbox"/> Worksheet/Handout</p> <p><input type="checkbox"/> Lab/Lab Composition</p> <p><input checked="" type="checkbox"/> Class/Group Participation</p> <p><input type="checkbox"/> Other:</p>	<p><u>Heredity: Inheritance and Variation of Traits</u></p> <p><b>Genetics &amp; Biotechnology</b></p> <p>S13. 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>S14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.</p>
<b>FRI</b>	<p>Construct an explanation of how the process of mitosis maintains complex organisms and ensures new cells with identical genetic information.</p>	<p><b>Bell Ringer:</b> How do mitosis and meiosis differ?</p> <p>CH4L1 Vocabulary/Spelling Test</p> <p>CH4L1 Review and Wrap-up</p>	<p><input checked="" type="checkbox"/> Textbook</p> <p><input type="checkbox"/> Laboratory Experience</p> <p><input checked="" type="checkbox"/> Handout/Worksheet</p> <p><input checked="" type="checkbox"/> Assessment</p> <p><input type="checkbox"/> PowerPoint</p> <p><input type="checkbox"/> Slides/Pictures</p> <p><input type="checkbox"/> Video</p> <p><input type="checkbox"/> Chart/Graph</p> <p><input type="checkbox"/> Model</p> <p><input checked="" type="checkbox"/> Chromebook/Computer</p> <p><input type="checkbox"/> Other:</p>	<p>Have a great weekend!</p>	<p><input type="checkbox"/> Oral Response</p> <p><input type="checkbox"/> Homework</p> <p><input checked="" type="checkbox"/> Notebook</p> <p><input type="checkbox"/> Quiz</p> <p><input checked="" type="checkbox"/> Test</p> <p><input type="checkbox"/> Project/Report/Presentation</p> <p><input checked="" type="checkbox"/> Daily work</p> <p><input type="checkbox"/> Observation</p> <p><input type="checkbox"/> Worksheet/Handout</p> <p><input type="checkbox"/> Lab/Lab Composition</p> <p><input checked="" type="checkbox"/> Class/Group Participation</p> <p><input type="checkbox"/> Other:</p>	<p><u>Heredity: Inheritance and Variation of Traits</u></p> <p><b>Genetics &amp; Biotechnology</b></p> <p>S13. 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>S14. Obtain, evaluate, and communicate information on the use of technologies that impact the inheritance and appearance of traits in organisms.</p>