

# SCIENCE AGENDA May 15 - 19th

**MS-LS3-1** Develop and use a model to describe why structural changes to genes (mutations) located on chromosomes may affect proteins and may result in harmful, beneficial, or neutral effects to the structure and function of the organism.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA HOMEWORK
<b>Monday</b> May 8th	<b>Mi-Step Test</b>		<b>HW:</b> None
<b>Tuesday</b> May 9th	<b>Mi-Step Test</b>		<b>HW:</b> None
<b>Wednesday</b> May 10th	<b>FOCUS QUESTION</b> What information will be on the Cells and Heredity test next week?	<ul style="list-style-type: none"> <li>Students will complete a study guide for the test on Cells and Heredity next week.</li> </ul>	<b>HW:</b> Study Guide (Cells and Heredity)  Students will have a completed study guide to use to prepare for the test next week.
<b>Thursday</b> May 11th	<b>STUDY GUIDE</b> <b>I can</b> identify a unicellular organism and a multicellular organism. <b>I can</b> recite the Cell Theory. <b>I can</b> explain the difference between a plant and an animal cell. <b>I can</b> identify the parts of a cell and explain what they do. <b>I can</b> name the reactants and products of photosynthesis. <b>I can</b> karyotype chromosomes. <b>I can</b> explain the pros and cons of asexual and sexual reproduction. <b>I can</b> give three facts about Gregor Mendel. <b>I can</b> define allele, dominant/recessive trait, genotype and phenotype. <b>I can</b> use a Punnett square to predict the traits in offspring.	<b>SCIENCE TEST (Cells and Heredity)</b>	<b>HW:</b> None  Students will achieve an 80% or higher on this test.
<b>Friday</b> May 12th	<b>FOCUS QUESTION</b> Why is it important to conserve our fresh water?	<ul style="list-style-type: none"> <li>Students will watch a short You Tube video on the the importance of saving our fresh water.</li> <li>Students will review the water cycle and discuss where their drinking water comes from.</li> </ul>	<b>HW:</b> None  Students will be able to name at least one important fact for conserving our fresh water.