

Name: \_\_\_\_\_

Date: \_\_\_\_\_



# LIFE SCIENCE CHOICE BOARD



Directions: Complete 3 activities in a row. This may be vertical, horizontal, or diagonal. Staple your 3 activities to this page.

## Heredity, Genes, and Successive Generations

## Organ Systems and Their Functions

## Structure and Function of Cells

<p>Listen to a Podcast on Genetics by Professor Mitch McVey</p> <p>After viewing the Podcast, attempt the Practice Problems at the end of the lecture!</p>	<p>Make a flipbook listing the different organ systems and their functions. Label each page with a different organ system. Be sure to include specific functions and characteristics of each system.</p>	<p>Make a 3D model of a cell labeling all the parts and explaining each part's significance to the cell as a whole.</p>
<p>Research the relationship between recessive and dominant traits and create a video using animoto to share what you have discovered with the class. Be sure to include the contributions of key researchers in the field of genetics.</p>	<p>Using PowerPoint, make a presentation that includes each organ system and its component parts. For each organ system, be sure to include information about its function and significance for survival. Have a student video you presenting your presentation and we will upload your video to our class website!</p>	<p>View a Podcast on the Cell Life Cycle by a Professor at Louisiana Delta Community College.</p> <p>Then create poster in Glogster to relate the cell life cycle to the structure and function of cells. Be prepared to share your poster with the class.</p>
<p>Conduct your own survey of students at RCMS to determine which traits are most likely dominant traits. You must research at least 8 different traits, survey a representative sample of at least 100 students. Then prepare a report or presentation to share your findings with the class.</p>	<p>View a Podcast on Organ Systems of the Human Body by a Professor at Louisiana Delta Community College.</p> <p>Then create a study that you could use to help you remember the key characteristics and functions of each organ system.</p>	<p>Write your own study guide and test that a teacher could use in his/her classroom to assess students on their knowledge of the structure and function of cells.</p> <p>Your study guide should be different from the test! We aren't going to make this easy for the students!!! The test should contain a combination of multiple choice, short answer, and essay questions. Don't forget to make an answer key for the test.</p>