

7th Grade Science Agenda- Mrs. Sharon

Week of January 9, 2017

| Day | In Class/Learning Targets | HW/Reminders |
|---|---|--|
| <p>Monday 1-9</p> <p><i>I can correctly use a microscope for investigations.</i></p> | <p>Block Schedule-Odd Day (1, 3, 7)</p> <p>Turn In: Test Corrections</p> <ol style="list-style-type: none"> 1. Mystery Microscope Pictures 2. Microscope Mania Slideshow <ul style="list-style-type: none"> • Microscope Definitions • Microscope Basics 3. Read Appendix B-Using a Microscope P. 196-197 in Cells and Heredity Book <ul style="list-style-type: none"> • Prepared Slide Practice • Wet Mount Slides | <p>Microscope Quiz 1/20</p> <p>Study Microscope Parts</p> |
| <p>Tuesday 1-10</p> | <p>Block Schedule-Even Day (2, 4, 6)</p> <p>See Monday</p> | |
| <p>Wednesday 1-11</p> <p><i>I can understand all organisms are made of cells.</i></p> | <p>Block Schedule-Odd Day (1, 3, 7)</p> <ol style="list-style-type: none"> 1. Review Microscope Parts 2. Read Cells and Heredity textbook p. 6-13 3. Cells Vocabulary in notebook 4. Discovering Cells Movie Clip 5. Discovering Cells WS p.48/52 | <p>Finish Discovering Cells WS</p> <p>Microscope Quiz 1/20</p> <p>Bring colored pencils or crayons Friday.</p> |
| <p>Thursday 1-12</p> | <p>Block Schedule-Even Day (2, 4, 6)</p> <p>See Wednesday</p> | |
| <p>Friday 1-13</p> | <p>See All Classes-Early Release</p> <p>Check: Discovering Cells WS</p> <ol style="list-style-type: none"> 1. Plant vs. Animal Cells Venn Diagram 2. Color Plant and Animal Cells | <p>Study Microscope Mania Notes!</p> |

| | | |
|--|--|-----------|
| <i>I can understand all organisms are made of cells.</i> | | Quiz 1/20 |
|--|--|-----------|

Turn Over for Standards covered this unit.

Engineering Design (All Levels)

MS-ETS1-1 Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.

MS-ETS1-2 Evaluate competing design solutions using a systematic process to determine how well they meet the criteria and constraints of the problem.

MS-ETS1-3 Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.

MS-ETS1-4 Develop a model to generate data for iterative testing and modification of a proposed object, tool, or process such that an optimal design can be achieved.

Structure, Function, and Information Processing

MS-LS1-1 Conduct an investigation to provide evidence that living things are made of cells; either one cell or many different numbers and types of cells.

MS-LS1-2 Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function.

MS-LS1-3 Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells.

MS-LS1-8 Gather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.