Chapter/Unit	**What is Life?** Content Standard: 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.	**Microscope Skills** Content Standard: Foundational Skill	**Cells** Content Standard 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.	**Body Systems** **Content Standard**
Time	2 Weeks	2 Weeks	3 weeks	
Summative Assessments	Living vs. Nonliving Assessment Google Form	Microscope Skills and Informational Text Assessment	Cell Analogy Project	
Rubric	Living vs. Nonliving Assessment	Microscope Skills Rubric	Cell Analogy Rubric	
Common Formative Assessments	Living vs. Nonliving Flashcards (3 cards per kid) Google Form (Fire, Eggs, Peas)	Text Practice: The Lowly Paramecium (Resource Book) Microscope Skills Check	Organelle Quiz Analogy Check	
REAL Standards/ Learning Targets	**SEP #6: Constructing Explanations** **Learning Target:** I can construct an explanation based on evidence.	**SEP #8** **Obtain, Evaluate, and Communicate Information** **Learning Target:** **SEP #2** **Develop and Use Models** **Learning Target:** I can create models to show things that we cannot see.	**SEP #2 Develop and Use Models** **Learning Targets:** I can create models to show things that we cannot see. I can use models to explain scientific processes. **SEP #8 Obtain, Evaluate, and Communicate Information** I can critically read scientific text/media to extract important information. I can communicate scientific information.	
Unit SMART Goal	By February 22, 2019, 100% of the students will be proficient (standard score 3) at identifying non-living and living objects and support their claim with evidence.	By March 8, 2019, 100% of the students will be proficient (standard score 3) at using microscopes to create models of cells.	By April 5th, 2019, 100% of the students will be proficient (standard score of 3) at constructing an explanation using scientifc knowledge comparing cell organelles to an everyday object/place.	
SMART Goal Outcome	Outcome: 96% Proficient	Outcome: 97%	Outcome:	