

Conyers Middle School
Feighner
“Learning and Growing Together”
7th Grade Lesson Plans
Week of August 11-15, 2014

Standards/Elements	S7L2c: Explain that cells are organized into tissues, tissues into organs, organs into systems, and systems into organisms.				
Essential Questions	How is a living organism the sum of all of its parts?				
Enduring Understandings	Cells are the smallest unit of all living things. Cells make up tissue, tissues make up organs, organs make up organisms.				
Essential Vocabulary	Cell, cellular organization, cell biologist, organ, organ system, tissue, organism, cellular, multicellular, unicellular, connective, muscular, nervous, epithelial. Hierarchy, complex, simple, prokaryotic, eukaryotic.				
Learning Format <i>(Highlight All That Apply)</i>	Technology Usage			Assessment <i>(Highlight All That Apply)</i>	
Whole Group Cooperative Group Flexible Group Collaborative Pair Centers/Stations Other (Please list):	Teacher: Video Polleverywhere.com Student: Video BYOT			Student Conferencing Performance Task Project Class Presentation Test Quiz Homework Ticket Out The Door CPS Response Other (Please list):	
	Monday	Tuesday	Wednesday	Thursday	Friday
Science Enrichment	Discuss scientific breakthroughs in biology occurring now	Discuss scientific breakthroughs in biology occurring now.	Discuss scientific breakthroughs in biology occurring now.	Discuss scientific breakthroughs in biology occurring now.	Discuss scientific breakthroughs in biology occurring now
OPENER: Warm-Up/Hook	How can you tell if something is alive? How do plants move	Mr. Greco acronym	Writing Prompt: Whale vs. Pigmy Shrew The blue whale is the largest mammal and the pigmy shrew is the smallest mammal. Which one has the bigger cells and why?	How come it is important to understand cell function and cell reproduction?	Compare and contrast prokaryotic and eukaryotic cells.
Resource Materials	Internet-Frankenstien video www.youtube.com/watch?v=8H3dFh6GA-A C-Notes	C-Notes Cells R Us	C-notes	C-notes	C-Notes (T:Drive) Assorted candy for candy cell
Instructional Activities/Strategies	Notes: Characteristics of Life: Life:	Characteristics of Life: continued Closing: Whole group discussion of characteristics of life.	1. Notes on levels of organization 2. Closing: List levels of organization and give	1. Cell History & Theory notes 2. Prokaryotic and Eukaryotic Cells notes	Plant, Animal, Prokaryote Coloring and Label (Candy Cell)

	Closing: TOD		an example of each. Levels of Organization notes	Closing Poll question (text response) All cells have a nucleus?	Closing: Why do plant cells need a cell wall and large vacuole?
Differentiation	Choices to show what you learned about the characteristics of life	Graphic Organizer to show visual links between related concepts Mr. Greco acronym to help with memorization of six characteristics of life	Demonstration for visual learners.	Demonstration for visual learners.	Collect pre-assessment data to determine instructional approach
Homework	Complete lab write-up. Measurement worksheet \\	Study notes for a quiz tomorrow. Read pages 19-23, do page 24.	Create a graphic organizer to demonstrate cell division	Complete worksheet if you did not in class.	Complete Label and Coloring.