

Teacher: Ms. Pinzon		Weekly Lesson Plans			For the week of May 26 th to My 30 th 2014	
Biology/Life Sciences			Mitosis			
	Monday	Tuesday	Wednesday	Thursday	Friday	
Standard	1e.Students know cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	1e.Students know cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	1e.Students know cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	1e.Students know cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	1e.Students know cells divide to increase their numbers through a process of mitosis, which results in two daughter cells with identical sets of chromosomes.	
Do Now	Cell Worksheet: Label the parts of a eukaryotic cell.	IWOC Review. Lab Directions.	Draw, label, and explain the process of Mitosis.	IWOC Review. Lab Directions.	Review notes. Allotted time: 10 minutes.	
Lecture	Objective: Students will understand the stages of the cell cycle. The cell cycle can be divided into three major phases: <ul style="list-style-type: none"> • Interphase • Mitosis • Cytokinesis Materials: <ul style="list-style-type: none"> - Class Binder - Pen or pencil - Highlighter 	Objective: Materials: <ul style="list-style-type: none"> - Pen or pencil - Color pencils - Highlighter - Worksheets (located at each station) - Class Binder 	Objective: Students will focus on the process of Mitosis and its different phases. The phases of mitosis are: <ul style="list-style-type: none"> • Prophase • Metaphase • Anaphase • Telophase • Cytokinesis Materials: <ul style="list-style-type: none"> - Class Binder - Pen or pencil - Highlighter 	Objective: Students will observe the process of mitosis and locate the different stages of mitosis. Materials: <ul style="list-style-type: none"> - Pen or pencil - Color pencils - Highlighter - Worksheets (located at each station) - Class Binder 	Objective: Students will be assessed on their understanding of the process of mitosis and connect it to human life. Materials: <ul style="list-style-type: none"> - Exam - Pencil 	
Lab Station	N/A	Cell Cycle Terms Materials: Biology class book. Activity: Cell Cycle Worksheet.	N/A	Observing Mitosis Lab Materials: microscope, prepared slides of onion Activity: Complete Observing Mitosis Lab worksheets.	N/A	
Computer Lab	N/A	Videos/Interactive Game: The Cell Cycle and Cancer http://www.glencoe.com/sites/common_assets/advanced_placement/mader10e/virtual_labs_2K8/labs/BL_03/	N/A	Videos/Interactive Game: Stages of Mitosis http://www.purposegames.com/game/stages-of-mitosis-quiz	N/A	

	N/A	The Cell Cycle and Cancer Worksheet	N/A	Mitosis Computer Lab Activity Worksheet	N/A
Student Corner Lab	N/A	Complete Biology/Life Science activity workbook page 28-34.	N/A	Complete Biology/Life Science activity workbook page 35-40.	N/A
IWOC	Read Chapter 8 Section 1 on the Cell Cycle. Answer review questions 1-10.	Review class and reading notes. Create your flashcards.	Read Chapter 8 Section 2 on Mitosis. Answer review question 1-8.	Review class and reading notes. Create your flashcards.	Complete week's notes and flashcards. Notes/flashcards will be checked on Monday.
Yellow Group	IEP Students: <ul style="list-style-type: none"> - Students will be provided with a diagram and a guided note taking worksheet to help them better understand lecture. 	IEP Students: <ul style="list-style-type: none"> - During rotations, I will spend most of time guiding and facilitating activities for my IEP students that require additional help. I will help them learn how to be successful in class without directly giving them the answers to an activity. 	IEP Students: <ul style="list-style-type: none"> - Students will be provided with a diagram and a guided note taking worksheet to help them better understand lecture. 	IEP Students: <ul style="list-style-type: none"> - During rotations, I will spend most of time guiding and facilitating activities for my IEP students that require additional help. I will help them learn how to be successful in class without directly giving them the answer to an activity. 	IEP Students: <ul style="list-style-type: none"> - Depending on their IEPs, students will be allowed to use their notes, test in a separate room, have their exams modified to show fewer questions per page, take breaks as needed, and/or have an aid or resource teacher help them read the questions to them.
Red Group		Red Group: Additional reading comprehension question during computer lab → Cell Division through Mitosis http://education.jlab.org/reading/mitosis_01.html		Red Group: Additional comprehension question during student corner lab → Differentiate between mitosis and meiosis.	