

Co-Teaching Lesson Plan

Teacher 1: **B. Kennedy** Teacher 2: **M. Stockler**

Co-Teaching Approach(es): Place an **X** or a **✓** on the line in front of each approach outlined in the lesson.

Parallel Teaching Team Teaching Station Teaching
 One Teach, One Observe One Teach, One Assist Alternative Teaching

Subject: Cell division	Topic/Lesson: Mitosis	Date: Day 1
Standard(s): LS.2 The student will investigate and understand that all living things are composed of cells. Key concepts include a) cell structure and organelles; b) similarities and differences between plant and animal cells; c) development of cell theory; and d) cell division. Related SOL LS.3 The student will investigate and understand that living things show patterns of cellular organization. Key concepts include b) patterns of cellular organization and their relationship to life processes in living things.		
Lesson Outcomes: 1. SWBAT distinguish the different stages of mitosis and meiosis by drawing out both cellular processes, as well create descriptions of each stage. 2. SWBAT utilize their prior knowledge on how to use a microscope to investigate the different stages of mitosis using an onion root tip.		
Materials Needed: <ul style="list-style-type: none"> • Colored chalk/ markers • Colored pencils • Microscopes • Onion root tip slides • Diagrams of mitosis and meiosis • Copies of handouts: "Stages of Mitosis," "Mitosis in Onion Cells," 		
Vocabulary: anaphase, cell, chromosomes, cytokinesis, cytoplasm, interphase, meiosis, metaphase, mitosis, nucleus, organelles, prophase, replication, telophase		
Lesson Component	Teacher 1	Teacher 2
Anticipatory Set: <i>Co-Teaching Approach:</i> one teacher & one assist	How do you believe you have grown to the the size that you currently are? - have students answer the question in their drill section of their interactive note book and then turn and discuss their answer with a shoulder partner. Have students report out their ideas and then introduce the topic of mitosis	Monitor on task behavior
Lesson: Activities/ Procedures: Utilize stages of mitosis note sheet <i>Co-Teaching Approach:</i> Team teach	Introduce the purpose for mitosis in organisms Discuss: interphase Draw and label: prophase Discuss: metaphase Draw and label: anaphase Discuss: telophase	Draw and label: interphase Discuss: prophase Draw and label: metaphase Discuss: anaphase Draw and label: telophase

	Draw and label: cytokinesis	Discuss: cytokinesis
Guided/Independent Practice: Onion root tip lab <i>Co-Teaching Approach:</i> Parallel station teaching	Students will be divided into two groups and will be moving around in stations within the parallel groups to investigate the different stages of mitosis by observing onion root tip cells and answering the lab activity questions	Students will be divided into two groups and will be moving around in stations within the parallel groups to investigate the different stages of mitosis by observing onion root tip cells and answering the lab activity questions
Closure: <i>Co-Teaching Approach:</i> One teach & one assist	Monitor on task behaviors	Will do a quick review of the days lesson picking out key points and identifying potential stumbling blocks that the student had by asking questions with students sharing their responses using a pinch card
Formative Assessment Strategies <i>Co-Teaching Approach:</i>	Lab conclusion questions and pinch card responses	Lab conclusion questions and pinch card responses
Homework	Finish lab questions	Finish lab questions
Specially Designed Instruction and Accommodations, Modifications for Specific Students	Pictures and closed notes	Pictures and closed notes
Notes: This lesson will be used as part of a two day lesson based on a alternative block schedule		