



Standards: SB1d. Plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis. SB1b. Develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity.					
	Pre-Teaching Learning Target Success Criteria	Activation of Learning	Focused/Guided Instruction	Collaborative/ Independent Learning	Closing
Monday 12/01/25	I can - - explain how the cell maintains homeostasis using the cell membrane. - describe how materials are exchanged across the cell membrane. I can differentiate osmosis and diffusion through the gummy bear experiment and can explain homeostasis through examples.	Bell Ringer Question- What are the components of a plasma membrane?	Recap on Transport across cell membrane	Graphic Organizer on Cellular Transportation Cell Transport Graphic Organizer.do	Turn and Talk- what is a passive transport?
Tuesday 12/02/25	I can explain the role of cellular reproduction in maintaining genetic continuity. I can explain 'How do organisms obtain and use the matter and energy they need to grow and reproduce?'	Do Now! Share your experiences with minor wounds and the healing process.	Focused instruction on Cell Cycle- stages and processes involved in detail	Guided notes on Cell cycle	Visit your Do Now question and rewrite your answer.
Wednesday 12/03/25		Bell Ringer: Cell Cycle- Picture Prompt	Focused instruction on Mitosis phase of cell cycle.	Guided notes on Cell cycle	Visit your Bell Ringer prompt and rewrite your answers.
Thursday 12/04/25		Recap on Cell cycle and mitosis	Guided instruction on Phases of cell cycle including mitosis. (We do 2 phases together) Phases of Cell Cycle & Mitosis.docx	Complete the worksheet on Phases of cell cycle including mitosis (You do rest of the phases of cell cycle independently)	Review the worksheet – pair and share
Friday 12/05/25		Do Now! Why is Mitosis important?	Guided instructions to give a poster presentation on stages of Cell cycle and Mitosis and check points.	Worksheet on Mitosis mitosis revision.pdf	Exit Ticket 3-2-1