ARC Week at Glance

Topic: Cellular Reproduction: Grade(s): 10-12 Dates: 01/06/25-01/10/25

	Learning Target (I am learning about…)	Criteria for Success (I can…)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			*(Include at least one/two formatives*in any part of the lesson as needed)*		
Monday	I am learning how to Obtain, evaluate, and communicate information to analyze how genetic information is expressed in cells.	I can obtain, evaluate, and communicate information to analyze how genetic information is expressed in cells.	Do Now: Students will begin Unit 3B KIMS	The teacher will guide students on completion of Unit 3B KIM	Unit 3B KIM
Tuesday	I am learning how to ask questions to investigate and provide explanations about the roles of photosynthesis and respiration in the cycling of matter and flow of energy within the cell (e.g., single-celled alga).	I can ask questions to investigate and provide explanations about the roles of photosynthesis and respiration in the cycling of matter and flow of energy within the cell (e.g., single-celled alga)	Do Now: What do you know about Genetics? Teacher will discuss rituals and routines for Semester B	The teacher will guide students on creating models to explain the functions of the major sub-processes of photosynthesis and cellular respiration including glycolysis, Krebs cycle, electron transport chain, light reactions, and Calvin cycle.	The students will create a model with explanations of the major sub-processes

Wednesday	I am learning how to develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity	I can develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity	Do Now: Describe the energy input and output for Cellular Respiration, or Photosynthesis.	Students and the teacher will view videos on Cell Cycle and Mitosis. Students will begin Mitosis Handout	Cell Cycle and Mitosis Handout
Thursday	I am learning how to develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity	I can develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity	Do Now: Describe the Cell Cycle or Mitosis. Provide and image as well. The teacher will conduct a KWL on Cancer	The teacher will guide students on completion of the "Cancer Out of Control" Assignment	Cancer Out of Control Assignment

Friday	I am learning how to develop and use models to explain the role of cellular reproduction (including binary fission, mitosis, and meiosis) in maintaining genetic continuity	I can ask questions to investigate and provide explanations about the roles of photosynthesis and respiration in the cycling of matter and flow of energy within the cell (e.g., single-celled alga)	Do Now: Describe Cancer.	Teachers and Students will complete a Nearpod Lesson on Meiosis and independent assortment.	Meiosis Nearpod

**Please highlight your literacy tasks, your major grades and your minor grades. I suggest color coding.