ARC Week at Glance

Topic: Cellular Organelles and Cellular Transport Biology: Grade(s): 10-12 Dates: 11/18/24-11/22/24

	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 cell structures and organelles (including nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, Golgi, endoplasmic reticulum, vacuoles, ribosomes, and mitochondria) interact as a system to maintain homeostasis.	I can explain how cell structures and organelles (including nucleus, cytoplasm, cell membrane, cell wall, chloroplasts, lysosome, Golgi, endoplasmic reticulum, vacuoles, ribosomes, and mitochondria) interact as a system to maintain homeostasis.	Do Now: What is homeostasis. Provide an example. The teacher will conduct a short mini lesson on homeostasis. The teacher will go over learning targets and success criteria. Teacher will revisit grading practices.	The teacher will guide students on the Cellular Structures Nearpod Lesson. Students who do not have a computer may pair up with some who do and complete Cornell Notes on How does cell structures interact as a system to maintain homeostasis.	Cellular Structures Nearpod, or Cornell Notes.

Tuesday	I am learning how to plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	I can plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	Do Now: What is a scientific investigation? The teacher will go over learning targets and success criteria.	The teacher will guide students on how to complete the Gummy Bear Osmosis Lab.	Gummy Bear Osmosis Lab Activity.
Wednesday	I am learning how to plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	I can plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	Do Now: What is diffusion? Provide an example.	The teacher will guide students as they complete their Gummy Bear Osmosis Lab Observations and Data	Gummy Bear Osmosis Lab Observations and Data

Thursday	I am learning how to plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	I can plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	Do Now: What is osmosis? Provide an example. Gummy Bear Osmosis Lab Observations	The teacher will guide students as they complete their Gummy Bear Osmosis Lab Observations and Data	Gummy Bear Osmosis Lab Observations and Data
Friday	I am learning how to plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis.	I can plan and carry out investigations to determine the role of cellular transport (e.g., active, passive, and osmosis) in maintaining homeostasis. interact as a system to maintain homeostasis.	Do Now: How do you think cellular transport plays a role in homeostasis?	The teacher will guide students on completing the Osmosis Case Study assignment.	Osmosis Case Study Essay Response. Also, a literacy Task

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