ARC Week at Glance

Topic: Unit 2 and Cellular Organelles Biology: Grade(s): 10-12 Dates: 11/11/24-11/15/24

	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	School Holiday				
Tuesday	I am learning about obtaining, evaluating, and communicating information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.	I can learn, obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.	Do Now: Cladogram sample problem. The teacher will demonstrate how endosymbiotic theory is applied in a cladogram. The teacher will conduct a short mini lesson on phylogenetic trees using the worksheet provided.	The students will complete review activities for Unit 2	The students will complete review activities for Unit 2. Once review is complete, the students may begin Unit 3 KIMS.

Wednesday	I am learning about obtaining, evaluating, and communicating information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.	I can learn, obtain, evaluate, and communicate information to illustrate the organization of interacting systems within single-celled and multi-celled organisms.	Do Now: Students will begin their Unit 2 Test.	Unit 2 Test.	Unit 2 Test.
Thursday	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: Students will begin their Unit 3 Pre-Assessment.	Unit 3 Pre-Assessment	Once assessment is complete, the students may continue Unit 3 KIMS.

Friday	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: Describe an Animal and Plant Cell. Provide a visual.	The teacher will guide students on completing the Plant and Animal Cell Diagram and worksheet.	Students will complete Plant and Animal Cell Diagram and Worksheet. Upon completion of worksheet, students may also view plant, bacteria, and animal specimens under the microscope or create a plant or animal cell model using craft dough.

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