ARC Week at Glance

Topic: Biological Resistance and Speciation Course: Biology I Grade(s): 10-12 Dates: 8/19/24-8/23/24

	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	Developing a model to explain the role natural selection plays in causing biological resistance	I can develop a model to explain the role natural selection plays in causing biological resistance	Do Now: What is Natural Selection? Provide an example. Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Biological Resistance)	The teacher guides students on important notes from a video on Natural Selection as students take Cornell Notes. Students complete their notes with the help of the teacher and classmates. Also, literacy task	Students will complete their summary about what they have learned from a video on Natural Selection Also, literacy task
Tuesday	Developing a model to explain the role natural selection plays in causing biological resistance	I can develop a model to explain the role natural selection plays in causing biological resistance	Do Now: What is an example of Biological Resistance Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Biological Resistance)	Teacher will guide students on completing the Evolution STEM Case that involves Biological Resistance and Natural Selection Students will begin working together on completing STEM case with the teacher's guidance to find ways on how natural selection plays a role in biological resistance.	Students will complete experiment 1 on the STEM case and begin creating a model in their notebook on how natural selection plays a role in biological resistance.

Wednesday	Developing a model to explain the role natural selection plays in causing biological resistance	I can develop a model to explain the role natural selection plays in causing biological resistance	Do Now: Describe a model that can be created to show how natural selection plays a role in biological resistance. Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Biological Resistance)	Students will continue working together on completing STEM case with the teacher's guidance to find ways on how natural selection plays a role in biological resistance.	Students will create a model in their notebook on how natural selection plays a role in biological resistance.
Thursday	I can explain the patterns in biodiversity that result from speciation	I can analyze and interpret data to explain patterns in biodiversity that result from speciation	Do Now: What are species? Provide an example. Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Speciation)	The teacher guides students on important notes from a video on Speciation as students take Cornell Notes. Students complete their notes with the help of the teacher and classmates. The goal will be to determine what makes an organism living or non-living. Also, literacy task	Students will complete their summary about what they have learned from a video on Natural Selection Also, literacy task

Friday	I can explain the patterns in biodiversity that result from speciation	I can analyze and interpret data to explain patterns in biodiversity that result from speciation	Science Fair Guide	Teacher will provide instructions and materials for students to begin the Is It Living or Non-Living lab. Students will work collaboratively on completing lab where they will rotate to view specimens.	Students will complete their lab observations and annotate them on their lab worksheet.

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