ARC Week at Glance

Topic: 1.3 and 1.4 Course: AP Chemistry Grade(s): 10-12 Dates: 8/26/24-8/30/24

	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 about the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	I can explain the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	Do Now: What is a pure substance? Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Empirical Formula)	Teacher guides students on important notes from AP video as students take Cornell Notes. Students complete their notes with the help of the teacher and classmates. Also, literacy task	Students will begin their summary about what they have learned from a video on Empirical Formula Also, literacy task
Tuesday	I am learning about the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	I can explain the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	Do Now: What is an empirical formula? Provide an Example Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Empirical Formula)	Teacher completes the "I Do" Empirical Formula practice problem for students. Teacher and Students complete the "We Do" practice problem (1.3)	Students begin work on the "You Do" practice problems for 1.3.

Wednesday	I am learning about the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	I can explain the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	Do Now: Sample Empirical Formula Problem Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Empirical Formula)	With the teacher's guidance, students will collaborate by using Jigsaw on completing Topic 1.3 Practice Problem.	Complete You Do Topic 1.3 Practice Problem.
Thursday	I am learning about the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	I can explain the quantitative relationship between the elemental composition by mass and the empirical formula of a pure substance.	Do Now: Sample Empirical Formula Problem Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Empirical Formula)	Teacher will ask students probing questions to prepare students for their Multiple-Choice Questions for Topic 1.3	MCQ Practice Problems for Topic 1.3 Students may begin viewing Topic 1.4 if no mis conceptions for Topic 1.3
Friday	I am learning about Scientific Inquiry and Tools in the Lab	I can explain science processing skills and the name and function of common tools in the lab.	Science Fair Guide	Teacher will provide instructions and materials for students to begin the Making Measurements Lab	Making Measurements Lab

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