

## ARC Week at Glance

**Topic: 1.4 Course: AP Chemistry Grade(s): 10-12 Dates: 9/2/24-9/6/24**

	<b>Learning Target (I am learning about...)</b>	<b>Criteria for Success (I can...)</b>	<b>Activation/ Instruction</b>	<b>Collaboration/ Guided Practice</b>	<b>Independent Learning/ Assessment</b>
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
Monday	No School Labor Day Holiday				
Tuesday	I am learning about the quantitative relationship between the elemental composition by mass and the composition of substances in a mixture.	I can explain the quantitative relationship between the elemental composition by mass and the composition of substances in a mixture.	<b>Asynchronous Learning Day</b>	<b>Asynchronous Learning Day</b>	<p>Students will complete Cornell Notes on AP Video 1.4 Composition of Mixtures</p> <p>Also, literacy task</p>

Wednesday	I am learning about the quantitative relationship between the elemental composition by mass and the composition of substances in a mixture.	I can explain the quantitative relationship between the elemental composition by mass and the composition of substances in a mixture.	<p>Do Now: What is a mixture? Provide an example.</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Composition of Mixtures)</p>	<p>The teacher will complete the “I Do” Composition of Mixtures practice problem for students.</p> <p>Teacher and Students complete the “We Do” practice problem (1.4)</p> <p>With the teacher's guidance, students will collaborate by using Jigsaw on completing Topic 1.4 Practice Problem.</p>	Begin You Do Topic 1.4 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.	<p>Do Now: Sample Empirical Formula Problem</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Empirical Formula)</p>	<p>Teacher will ask students probing questions to prepare students for their Multiple-Choice Questions for Topic 1.3</p>	Complete You Do Topic 1.4 Practice Problem.

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	<p>Making Measurements Lab</p> <p>MCQ Practice Problems for Topic 1.4</p> <p>Students may begin viewing Topic 1.5 if no misconceptions for Topic 1.4</p>
--------	-------------------------------------------------------------	-----------------------------------------------------------------------------------------------	--------------------	---------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------

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