

## ARC Week at Glance

**Topic: Topics 1.2 and 1.3    Course: AP Chemistry    Grade(s): 10-12    Dates: 8/19/24-8/23/24**

	<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	I am learning about the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	I can explain the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	Do Now: Mole Calculation problem  Teacher goes over Learning Target and Success Criteria and begins lesson for today (Topic 1.2- Isotopes)	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 complete their summary about what they have learned from the AP Video for Topic 1.2  Also, literacy task
Tuesday	I am learning about the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	I can explain the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	Do Now: What is an Isotope? Provide an Example.  Teacher goes over Learning Target and Success Criteria and begins lesson for today (Topic 1.2- Isotopes)	Teacher completes the "I Do" Isotopes practice problem for students.  Teacher and Students complete the "We Do" practice problem (1.2)	Students begin work on the "You Do" practice problems for 1.2.

Wednesday	I am learning about the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	I can explain the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	<p>Do Now: Sample Isotopes Problem</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Topic 1.2-Isotopes)</p>	With the teacher's guidance, students will collaborate by using Jigsaw on completing Topic 1.2 Practice Problems.	Complete You Do Topic 1.2 Practice
Thursday	I am learning about the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	I can explain the quantitative relationship between the mass spectrum of an element and the masses of the element's Isotopes	<p>Isotopes Practice Problem</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Topic 1.2-Isotopes)</p>	<p>Isotopes Practice Problem</p> <p>Teacher will ask students probing questions to prepare students for their Multiple-Choice Questions for Topic 1.2</p>	<p>MCQ Practice Problems for Topic 1.2</p> <p>Students may begin viewing Topic 1.3 if no misconceptions for Topic 1.2</p>
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.