

ARC Week at Glance

Topic: 1.5 (Electron Configuration) Course: AP Chemistry Grade(s): 10-12 Dates: 9/9/24-9/13/24

	Learning Target (I am learning about...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
Monday	I am learning about representing the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	I can represent the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	<p>Do Now: What is an electron? Provide an example.</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Electron Configuration)</p>	<p>Teacher guides students on important notes from AP video as students take Cornell Notes.</p> <p>Students complete their notes with the help of the teacher and classmates.</p> <p>Also, literacy task</p>	<p>Students will begin their summary about what they have learned from a video on Empirical Formula</p> <p>Also, literacy task</p>
Tuesday	I am learning about representing the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	I can represent the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	<p>Do Now: What is an electron configuration? Provide an Example</p> <p>Teacher goes over Learning Target and Success Criteria and begins lesson for today (Electron Configuration)</p>	<p>Teacher completes the “I Do” Electron Configuration practice problem for students.</p> <p>Teacher and Students complete the “We Do” practice problem (1.5)</p>	<p>Students begin work on the “You Do” practice problems for 1.5.</p>

Wednesday	I am learning about representing the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	I can represent the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	Do Now: Sample Electron Configuration Problem Teacher goes over Learning Target and Success Criteria and begins lesson for today (Electron Configuration)	Students will complete Topic 1.5 Practice Problem problems within their group and one person is chosen to complete a problem by demonstration on the board.	Complete You Do Topic 1.5 Practice Problem.
Thursday	I am learning about representing the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	I can represent the ground-state electron configuration of an atom of an element or its ions using the Aufbau principle.	Do Now: Sample Electron Configuration Problem Teacher goes over Learning Target and Success Criteria and begins lesson for today (Electron Configuration)	Teacher will ask students probing questions to prepare students for their Multiple-Choice Questions for Topic 1.5	MCQ Practice Problems for Topic 1.5 Students may begin viewing Topic 1.6 if no misconceptions for Topic 1.5
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.

