ARC Week at Glance

Topic: 1.8 (Reactivity and Periodicity) Course: AP Chemistry Grade(s): 10-12 Dates: 10/14/24-10/18/24

	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	Fall Break				
Tuesday	Fall Break				

Wednesday	I am learning about the relationship between trends in atomic properties of elements and electronic structure and periodicity.	I can represent the relationship between trends in atomic properties of elements and electronic structure and periodicity.	Do Now: What were some problems faced because of Hurricane Helene? The teacher will guide students on how the events of Hurricane Helene can be viewed from a Scientific Standpoint. Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Reactivity and Periodicity)	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 Reactivity and Periodicity Also, literacy task

Thursday	I am learning about the relationship between trends in the reactivity of elements and periodicity.	I can represent the relationship between trends in the reactivity of elements and periodicity	Do Now: What is reactivity? The teacher will conduct a quick phenomenon on reactions using a video on the reaction between Sodium and Water, and Potassium and Water. Students will complete a POE. Teacher goes over Learning Target and Succes Criteria and begins lesson for today (Reactivity and Periodicity)	Teacher completes the "I Do" Periodicity practice problem for students. Teacher and Students complete the "We Do" practice problem (1.8)	Students begin work on the "You Do" practice problems for 1.8.
Friday	I am learning about Scientific Inquiry.	I can explain the physical and chemical properties of elements in a group on the Periodic Table	Do Now: Sample Reactivity problem Students will organize Element Cards, or Elements on the Periodic Table according to their physical and chemical properties.	Students will complete Topic 1.7 Practice Problem problems within their group and one person is chosen to complete a problem by demonstration on the board.	Complete You Do Topic 1.8 Practice Problems.

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