

ARC Week at Glance – Patel (S1, W11)

Topic: Unit 2: Properties and Bonding

Course: Chemistry

Grade: 11

Dates: 10/13 – 10/17

	Learning Target (I am learning ...)	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	No School (Fall Break)				
Tuesday	No School (Fall Break)				
Wednesday	how to obtain, evaluate, and communicate information about how the Law of Conservation of Matter is used to determine chemical composition in compounds and chemical reactions.	conduct an experiment to examine the law of conservation of mass/matter.	Do Now: Science fair project checkpoint-3	Lab – Baking Soda and Vinegar Lab (Law of Conservation of Mass/Matter)	Clean lab area Submit complete lab sheet in Canvas.
Thursday	how to obtain, evaluate, and communicate information about how the Law of Conservation of Matter is used to determine chemical composition in compounds and chemical reactions.	describe how the Law of Conservation of Mass/Matter applies to chemical equations.	Do Now: Examine the chemical compounds below and determine how many of each element is present in each compound.	Discuss the parts of a chemical equation and what they represent (Reactant, Arrow, Product, Coefficients, Subscripts, etc.) Manipulative Activity - Balancing Chemical Equations	Science Fair Project Checkpoint #2 (Canvas): Students are tasked to conduct research on their science project topic and find a minimum of 6 credible sources. Students are to compile a list of web addresses and record key facts or summaries from the sources. Students will submit their list as evidence of productive research.
Friday	how to obtain, evaluate, and communicate information about how the Law of Conservation of Matter is used to determine chemical composition in compounds and chemical reactions.	balance chemical equations.	Do Now: Which chemical equations are balanced and which are not? Justify.	PhET – Balancing Chemical Equations	Exit Ticket: Kahoot! – Balancing Chemical Equations

Additional Info:

Minor Grade

Major Grade

Course materials and resources are available in Canvas.

ARC Week at Glance – Patel (S1, W11)

Topic: Science Fair Projects

Course: Environmental Science

Grade: 2

Dates: 10/13 – 10/17

	Learning Target (I am learning...)	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	No School (Fall Break)				
Tuesday	No School (Fall Break)				
Wednesday	I am learning to use the science fair project template and update my presentation with the latest experimental details.	I can update my presentation to reflect the current progress of my experiment in the template.	Do Now: Science fair project checkpoint -3	Presentation and Discussion of the Science fair project template Work session to: • Student and Teacher conferences to discuss progress with science fair projects. • Time for students to select template and update their current progress.	• Exit Ticket: One thing I learned about organizing or presenting my experiment today is_____. • One question I still have about my science fair project is_____.
Thursday	how to conduct a testable science experiment.	analyze an experiment and determine which parts align with the scientific method.	Do Now: Guess Who? (steps of the scientific method)	Read, Annotate, and Discuss: “A Light on Growth: A Scientific Journey with Bean Plants (text and fillable worksheet)	Exit Ticket: How confident do you feel about using the scientific method to conduct your science experiment? Write a sentence to support your position.

Friday	how to conduct a testable science experiment.	create a detailed outline for my science fair project.	Do Now: (Based on yesterday's survey results.)	Students will provide feedback to the partner student about all the steps of scientific method.	Exit Ticket: Students will submit their sheet after updating based on peer feedback on teacher's table.
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