



Edmore Public School
706 Main St, Edmore, ND 58330

**Physical Science Lesson Plans for
November 28 – December 2, 2022
1st Hour, 8:40 – 9:32 AM**

	Monday (Nov 28)	Tuesday (Nov 29)	Wednesday (Nov 30)	Thursday (Dec 1)	Friday (Dec 2)
Performance Standards	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.
Topic	Rate of Chemical Reaction	Mixtures	Dissolving	Solubility and Concentration	Molarity
Objectives	<ul style="list-style-type: none"> • Discuss how to speed up the rate of reaction • Describe what catalyst do 	<ul style="list-style-type: none"> • differentiate heterogeneous and homogeneous mixture 	<ul style="list-style-type: none"> • explain why water is called the universal solvent 	<ul style="list-style-type: none"> • define solubility • distinguish saturated, unsaturated and supersaturated solutions 	<ul style="list-style-type: none"> • Compute for the molarity of the solutions
Bellringer	(3 min) emulsion	(3 min) alloy	(3 min) miscible	(3 min) solubility	(3 min) vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> ○ Review activity: law of conservation of mass ○ Simulation lab: balancing chemical equation 	<ul style="list-style-type: none"> ○ Review of heterogeneous and homogeneous mixture ○ Direct instructions on Types of Solutions and Mixtures ○ Why it matters: gasoline production ○ Close: section review 	<ul style="list-style-type: none"> ○ Lab on dissolving substances 	<ul style="list-style-type: none"> ○ Lesson introduction: Solubility ○ Student activity: solubility and concentration ○ Demonstration: saturated, unsaturated, and supersaturated solution 	<ul style="list-style-type: none"> ○ Direct instruction on molarity ○ Independent practice: solving molecular weight and molarity of substances
Assessment	worksheet	Section review	Lab paper	Exit ticket	Worksheet
Remarks					

Prepared by:

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