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	• Discuss how to speed up the rate of reaction • Describe what catalyst do	• differentiate heterogeneous and homogeneous mixture	• explain why water is called the universal solvent	• define solubility • distinguish saturated, unsaturated and supersaturated solutions	• 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	○ Review activity: law of conservation of mass ○ Simulation lab: balancing chemical equation	○ Review of heterogeneous and homogeneous mixture ○ Direct instructions on Types of Solutions and Mixtures ○ Why it matters: gasoline production ○ Close: section review	○ Lab on dissolving substances	○ Lesson introduction: Solubility ○ Student activity: solubility and concentration ○ Demonstration: saturated, unsaturated, and supersaturated solution	○ 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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Science Teacher