Edmore Public School
706 Main St, Edmore, ND 58330

Chemistry Lesson Plans for
April 17 - 21, 2023
1st Hour, 8:40 – 9:32 AM

	Monday (April 17)	Tuesday (April 18)	Wednesday (April 19)	Thursday (April 20)	Friday (April 21)
Performance Standards	HS-PS1-6 Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	HS-PS1-6 Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	HS-PS1-6 Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	HS-PS1-6 Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.	HS-PS1-6 Refine the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium.
Topic	**Solutions**	**Solution, Colloids and Suspensions**	**Separating mixtures lab**	**Describing solutions qualitatively**	**Percentage by mass**
Objectives	• perform online simulation to define concentration	• state the different properties of solutions, colloids, and suspensions • identify mixtures as solutions, colloids, or suspensions	• conduct experiment on how mixtures can be separated	• use the vocabulary words saturated, unsaturated, and supersaturated to describe solutions	• describe solutions quantitatively using percentage by mass and grams per liter
Bellringer	Define concentration	Define solutions	Define suspensions	Define colloid	Vocab quiz
Procedure/ Instructional Delivery	• simulation lab	• Vocabulary • Discussion: solution, suspension, and colloid	• separating mixtures lab	• Quicklab: saturation • Reading: saturated, unsaturated, and supersaturated	• quick lab: percentage by mass • direct instruction: solving problems involving percentage by mass • independent practice
Assessment	Simulation lab worksheet	questions	Lab rubric	Lab rubric	Independent practice
Remarks					

Prepared by:

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