



Edmore Public School
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for
January 23 -27, 2023
1st Hour, 8:40 – 9:32 AM**

	Monday (Jan 16)	Tuesday (Jan 17)	Wednesday (Jan 18)	Thursday (Jan 19)	Friday (Jan 20)
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	Molar Mass	Mole Ratio	Mass to Mass	Mass to Mass	Volume to Volume
Objectives	<ul style="list-style-type: none"> calculate average atomic mass and molar mass 	<ul style="list-style-type: none"> determine the mole ratio in a chemical reaction 	<ul style="list-style-type: none"> convert one unit of measurement in stoichiometry to other units 	<ul style="list-style-type: none"> convert one unit of measurement in stoichiometry to other units 	<ul style="list-style-type: none"> determine average atomic mass and molar mass
Bellringer	(3 min) molar mass	(3 min) mole ratio	(3 min) stoichiometry	(3 min) STP	(3 min) vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> direct instruction: molar mass independent practice: calculating for molar mass of various molecules 	<ul style="list-style-type: none"> mole ratio activity direct instruction: mole ratio independent practice: determining the molar ratio 	<ul style="list-style-type: none"> engage: mass to mass conversion activity 	<ul style="list-style-type: none"> direct instruction: conversion map for stoichiometry guided practice: mass to mass conversion independent practice: problems involving mass to mass conversion 	<ul style="list-style-type: none"> direct instruction: volume to volume conversion guided practice independent practice
Assessment	worksheet	worksheet	Activity worksheet	worksheet	worksheet
Remarks					

Prepared by:

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