



Edmore Public School
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for
February 27 – March 3, 2023
1st Hour, 8:40 – 9:32 AM**

	Monday (Feb 27)	Tuesday (Feb 28)	Wednesday (March 1)	Thursday (March 2)	Friday (March 3)
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.	
Topic	Arrhenius Acids and Bases	Bronsted and Lowry Acids and Bases	Self-ionization of water	Self-ionization of water	
Objectives	<ul style="list-style-type: none"> describe the distinctive properties of acids, bases and salts 	<ul style="list-style-type: none"> describe the distinctive properties of acids, bases and salts 	<ul style="list-style-type: none"> explain the self-ionization property of water use K_w in calculations 	<ul style="list-style-type: none"> describe the distinctive properties of acids, bases and salts 	
Bellringer	(3 min) Bronsted and Lowry Acid	(3 min) Bronsted and Lowry Base	(3 min) Amphoteric solution	(3 min) Self-ionization of water	
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> TedEd Video: Acids and Bases Reading: Arrhenius definition of acids and bases Exit ticket 	<ul style="list-style-type: none"> Review: Arrhenius Acids and bases Reading: Bronsted and Lowry definition of acids and bases direct instruction using powerpoint presentation exit ticket 	<ul style="list-style-type: none"> self-ionization of water video presentation direct instruction: solving for ionization of water guided practice: solving couple of problems 	<ul style="list-style-type: none"> independent practice: self-ionization of water 	
Assessment	Exit ticket	Lab rubric	worksheet	worksheet	
Remarks				Early Out	No School

Prepared by:

Angelito M. Rivera
Science Teacher