



Edmore Public School
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for
January 9-13, 2022
3rd Hour, 8:40 – 9:32 AM**

	Monday (Jan 9)	Tuesday (Jan 10)	Wednesday (Jan 11)	Thursday (Jan 12)	Friday (Jan 13)
Performance Standards	All covered 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.	
Topic	Final Test	Hybridization – Day 1	Hybridization – Day 2	Unit Review	
Objectives	<ul style="list-style-type: none"> • assess proficiency of the concepts learned in first semester 	<ul style="list-style-type: none"> • predict the bond angle and molecular geometry of newly-joined molecules 	<ul style="list-style-type: none"> • predict the bond angle and molecular geometry of newly-joined molecules 	<ul style="list-style-type: none"> • review the main concepts of the unit • assess proficiency of current unit 	
Bellringer	No bellringer	Define bonding pair.	Define nonbonding pair.	(3 min) molecular polarity	
Procedure/ Instructional Delivery	Final Test	<ul style="list-style-type: none"> ○ Watch video from khan academy about sp³ orbitals ○ Exercises problems for sp³ hybridization ○ Watch video for steric number ○ Practice problems for steric number 	<ul style="list-style-type: none"> ○ Watch video from khan about sp² orbitals ○ Problem exercises for sp² orbitals ○ Watch video about sp orbitals ○ Problem exercises for sp¹ orbitals ○ Assignment: hybridization 	<ul style="list-style-type: none"> ○ Walkthrough of lesson objectives ○ Review questions ○ Unit test 	
Assessment	Final Test	worksheet	worksheet	Unit test	
Remarks					Field Trip

Prepared by:

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