



Edmore Public School
706 Main St, Edmore, ND 58330

**Chemistry Lesson Plans for
May 15 - 19, 2023
1st Hour, 8:40 – 9:32 AM**

	Monday (May 15)	Tuesday (May 16)	Wednesday (May 17)	Thursday (May 18)	Friday (May 19)
Performance Standards	All standards covered in this semester	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-PS1-3 Plan and conduct an investigation to gather evidence to compare the structure of substances at the macro-scale to infer the strength of electrical forces between particles.	HS-PS1-3 Plan and conduct an investigation to gather evidence to compare the structure of substances at the macro-scale to infer the strength of electrical forces between particles.
Topic	Final Test	Totally Rad	Radioactive decay	Nuclear Stability	Nuclear fusion and fission
Objectives	<ul style="list-style-type: none"> • assess proficiency through written test 	<ul style="list-style-type: none"> • determine radiation dose by reading passages and estimating the personal radiation dose of the people described in the passages 	<ul style="list-style-type: none"> • predict the new isotope after a radioactive decay 	<ul style="list-style-type: none"> • predict whether the nucleus is radioactive or not 	<ul style="list-style-type: none"> • Learn the concepts of nuclear fission and fusion and investigate how these reactions are used to generate energy
Bellringer	Define decay chain	Define alpha decay	Define beta decay	Define gamma decay	Vocab quiz
Procedure/ Instructional Delivery	<ul style="list-style-type: none"> • Final Test 	<ul style="list-style-type: none"> • Student activity: totally rad • Assessing dosage of exposure to radiation 	<ul style="list-style-type: none"> • video clip: types of radioactive decay • guided practice on predicting new isotope • independent practice: worksheets 	<ul style="list-style-type: none"> • nuclear stability: video • reading: nuclear stability passage • direct instruction on nuclear stability • independent practice through worksheet 	<ul style="list-style-type: none"> • Student activity: modeling nuclear fission • Case study: research on nuclear fusion
Assessment	Lab rubric	worksheet	worksheets	worksheets	worksheets
Remarks					

Prepared by:

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