Edmore Public School
706 Main St, Edmore, ND 58330

Physical Science Lesson Plans for
August 29 – September 2, 2022
1st Hour, 8:40 – 9:32 AM

	Monday (Aug 29)	**Tuesday (Aug 30)**	**Wednesday (Aug 31)**	**Thursday (Sept 1)**	**Friday (Sept 2)**
Performance Standards	**HS-PS3-3** Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.	**HS-PS3-3** Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.	**HS-PS3-3** Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.	**HS-PS3-3** Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.	**HS-PS3-3** Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.
Topic	Laboratory Safety Procedures	Scientific Method – Day 1	Scientific Method – Day 2	Scientific Method – Day 3	Scientific Method – Day 4
Objectives	• Explain why someone should study science even if not planning to become scientist • summarize the steps that should be taken if an accident occurs in the lab	• Explain how scientific thought can be put into practice • Summarize the process that scientists often use when beginning scientific investigations	• Explain how scientific thought can be put into practice • Summarize the process that scientists often use when beginning scientific investigations	• Explain how scientific thought can be put into practice • Summarize the process that scientists often use when beginning scientific investigations	• Explain how scientific thought can be put into practice • Summarize the process that scientists often use when beginning scientific investigations
Bellringer	(3 min) Chemistry	(3 min) Scientific method	(3 min) independent variable, dependent variable	(3 min) hypothesis	(3 min) vocabulary quiz
Procedure/ Instructional Delivery	○ Why study science? ○ Identifying safe and unsafe lab practices ○ Direct instruction: lab safety expectations and classroom equipment ○ Guided practice: classroom safety review ○ Independent practice: student vision of lab safety ○ Assignment: Student lab safety contract	○ Project introduction ○ Engage: watch F1 car videos at https://www.youtube.com/watch?v=I522EMW89sE ○ Demonstration: Balloon-powered car ○ Explore: Use scientific method in making Balloon-powered car ○ Close: Summarizing activity	○ Explore: Use scientific method in making a Balloon-powered car (construction) ○ Close: Summarizing activity	○ Explore: Use scientific method in making a Balloon-powered car (test, redesign, and retest) ○ Close: Summarizing activity	○ Explore: create a PowerPoint presentation of the activity ○ Reflect: Analyze and Draw Conclusions ○ Close: self-assessment

Assessment	Independent practice	Rubric for Balloon-powered car	Rubric for Balloon-powered car	Rubric for Balloon-powered car	Rubric for balloon-powered car
Remarks					

Prepared by:

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Science Teacher