Edmore Public School
706 Main St, Edmore, ND 58330

Smart Lab 2 Lesson Plans
January 16-20, 2022
5th hour, 12:42 – 1:34 PM

	Monday (Jan 16)	**Tuesday (Jan 17)**	**Wednesday (Jan 18)**	**Thursday (Jan 19)**	**Friday (Jan 20)**
Performance Standards			**MS-ET1-1** Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.	**MS-ET1-1** Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.	**MS-ET1-1** Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.
Topic			**Orientation**	**Engineering Design Process**	**Engineering Design Process**
Objectives			***ET1.A: Defining and Delimiting Engineering Problems*** -The more precisely a design task's criteria and constraints can be defined, the more likely it is that the designed solution will be successful. Specification of constraints includes consideration of scientific principles and other relevant knowledge that are likely to limit possible solutions.	***ET1.A: Defining and Delimiting Engineering Problems*** -The more precisely a design task's criteria and constraints can be defined, the more likely it is that the designed solution will be successful. Specification of constraints includes consideration of scientific principles and other relevant knowledge that are likely to limit possible solutions.	***ET1.A: Defining and Delimiting Engineering Problems*** -The more precisely a design task's criteria and constraints can be defined, the more likely it is that the designed solution will be successful. Specification of constraints includes consideration of scientific principles and other relevant knowledge that are likely to limit possible solutions.
Bellringer			KWL	KWL	KWL
Procedure/ Instructional Delivery			○ Orientation Exercises ○ Exploring projects	○ Direct Instruction: the engineering design process	○ Exploring engineering design project activity
Assessment			Rubric	Rubric	Rubric
Remarks	No School - PD	No School - PD			

Prepared by:
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