



Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plans for
April 17 - 21, 2023
6th hour, 1:37 – 2:29 PM

	Monday (April 17)	Tuesday (April 18)	Wednesday (April 19)	Thursday (April 20)	Friday (April 21)
Performance Standards	MS-ESS1-1 Develop and use a model of the earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.	MS-ESS1-1 Develop and use a model of the earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.	MS-ESS1-1 Develop and use a model of the earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.	MS-ESS1-1 Develop and use a model of the earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.	MS-ESS1-1 Develop and use a model of the earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.
Topic	Unit 9: The Patterns in the Solar system Lesson 1: The Earth-Sun-Moon System <i>Exploration 1: Analyzing daily patterns in the sky</i>	Unit 9: The Patterns in the Solar system Lesson 1: The Earth-Sun-Moon System <i>Exploration 1: Analyzing daily patterns in the sky</i>	Unit 9: The Patterns in the Solar system Lesson 1: The Earth-Sun-Moon System <i>Exploration 2: Model the moon phases</i>	Unit 9: The Patterns in the Solar system Lesson 1: The Earth-Sun-Moon System <i>Exploration 2: Model the moon phases</i>	Unit 9: The Patterns in the Solar system Lesson 1: The Earth-Sun-Moon System <i>Exploring Eclipses</i>
Objectives	• develop and use models to describe the apparent motion of the sun, moon, and stars	• develop and use models to describe the apparent motion of the sun, moon, and stars	• observe patterns in the phases of the moon to develop models	• observe patterns in the phases of the moon to develop models	• develop and use models to explain eclipses of the sun and the moon
Bellringer	Define apparent motion	Define constellation	Define moon phases	Define waxing moon	Vocab quiz
Procedure/ Instructional Delivery	○ Hands-on lab: model the apparent motion of the sun ○ Reading: earth's rotation	○ Day project: constellations	○ Reading: exploration 2 introduction ○ Hands-on lab: model moon phases	○ Discussion: moon phases ○ CER: evidence ○ Engineer it: plan a lunar mission	○ Hands-on lab: model solar and lunar eclipses
Assessment	Lab rubric	Project rubric	Lab rubric	questions	Lab rubric
Remarks					

Prepared by:

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Science Teacher