Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plans for
November 14 - 18, 2022
6th hour, 1:37 – 2:29 PM

	Monday (Nov 14)	**Tuesday (Nov 15)**	**Wednesday (Nov 16)**	**Thursday (Nov 17)**	**Friday (Nov 18)**
Performance Standards	MS-ESS2-5 Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.	MS-ESS2-5 Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.	MS-ESS2-5 Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.	MS-ESS2-5 Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.	MS-ESS2-5 Collect data to provide evidence for how the motions and complex interaction of air masses resulting the changes in weather conditions MS-ESS2-6 Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.
Topic	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration3: The formation of air masses*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration3: The formation of air masses*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration 4: Relating Earth System Interaction to Weather*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Lesson Self-Check*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather Lesson quiz
Objectives	• discover that interaction involving sunlight and atmosphere produce air masses	• explore the various elements of weather and cause and effect relationship that work tother to influence weather	• develop understanding of how the oceans, landforms, and atmosphere interact to influence weather	• review the main concepts of the lesson	• assess proficiency of the lesson • new lesson introduction
Bellringer	(3 min) air mass	(3 min) fronts	(3 min) cold front	(3 min) warm front	(3 min) vocab quiz
Procedure/ Instructional Delivery	o Introduction: formation of the air masses o Hands-on Lab: Model an Air Mass Interaction	o Activity: type of fronts coloring o Reading: types of fronts o CER: evidence o Close: compare and contrast	o Direct instruction: weather and the earth system o Reading: weather and other earth systems o Close: relating global winds to global precipitation	o CER: reasoning o Lesson checkpoints o Lesson interactive review o Lesson games	o Lesson quiz o Lesson 2 introduction o CER: claims

Assessment	Lab paper	Questions	Questions	Lesson review worksheet	Lesson quiz
Remarks					

Prepared by:

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