Edmore Public School
706 Main St, Edmore, ND 58330

Earth Science Lesson Plans for
November 7 - 11, 2022
6th hour, 1:37 – 2:29 PM

	Monday (Nov 7)	**Tuesday (Nov 8)**	**Wednesday (Nov 9)**	**Thursday (Nov 10)**	**Friday (Nov 11)**
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.	
Topic	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration 1: Describing weather*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration 2: Identifying weather associated with pressure systems*	Unit 3: Weather and Climate Unit Introduction Lesson 1: Influences on weather *Exploration3: The formation of air masses*	
Objectives	• describe the coverage of the new unit • explain how air masses interact and cause changes in weather	• explore the various elements of weather and cause and effect relationship that work tother to influence weather	• explore how interaction involving sunlight, the earth's surface and the atmosphere work together to create pressure that influence the weather	• discover that interaction involving sunlight and atmosphere produce air masses	
Bellringer	(3 min) humidity	(3 min) wind	(3 min) high pressure area	(3 min) low pressure area	
Procedure/ Instructional Delivery	○ Picture analysis ○ Why it matters ○ Lesson introduction ○ CER: claims	○ Introduction: elements of weather ○ Reading: temperature and humidity ○ CER: claims	○ Introduction: air pressure and weather maps ○ Reading: Pressure systems ○ CER: evidence	○ Introduction: formation of the air masses ○ Hands-on Lab: Model an Air Mass Interaction	

		○ Reading: air pressure and wind ○ Language smarts: describe weather	○ Close: interpret a weather map		
Assessment	Questions	Language smart	question	rubric	
Remarks			Early out		No School

Prepared by:

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Science Teacher