

# Learning Activity Template

Title: Our Earth

Curriculum: Science and Social Studies

Grade-Level Span: 6th

**PURPOSE:**

Students are introduced to plate tectonics, glaciers and their effects.  
 Students will be introduced to changes of Earth from Pangea through the glacier period in Minnesota.  
 Students will learn of the effects that glaciers had on Minnesota landforms.

**DESCRIPTION:**

Students view an introductory power point lesson which leads to various research project.

ACTIVITIES	CURRICULUM STANDARDS	NETS PERFORMANCE INDICATORS
Slide of Plate Tectonics and discussion of earthquakes	(Science)Strand II, Sub-Strand C. Benchmark #6	
Slide of Lake Superior Slide of the Iron Range	(Social Studies)V. C. Students will describe and locate major physical features and analyze their impact on their community. Benchmark #2	
Slide of Wild Rice Slide of Praires and Mississippi Rivers	(S.S.)V. C. Student will identify and locate geographic features associated with the development of MN. Benchmarks #2,3,4.	
Slide of logging Slide of ore boat	(S.S.)V. D. The student will give examples that demonstrate how people are connected to their environment. Benchmark #1	
Research Project		#6

**TOOLS AND RESOURCES:**

Our introductory power point presentation.  
 In Focus projector.

**ASSESSMENT:**

(How will you assess the students' learning? If you have a rubric, record it here. Be as specific as possible.)

Students will be assessed two ways.

First, on the research question they come up with after the introductory power point presentation.

Students also will be assessed on their completed research project.

Possible research topics and questions for students:

- Formation of Lake Superior
- North American Glaciers
- Volcanic activity in Minnesota
- The earth's changing surface
- MN Earthquakes
- Lake Ag.
- Red River Valley
- Iron Ore formation and mining
- Logging of the Pine Forests
- Glacier River Warren and the MN River Valley

**CREDITS (INCLUDING CONTACT INFORMATION):**

(Record the names and e-mail addresses, if possible, of those who contributed to the development of this learning activity.)

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**COMMENTS:**

(Have you taught this learning activity before? What are the great ah ha's/experiences you had?)

Glaciation was previously taught. The teacher should clarify B.P. (before present) when discussing the glacial stages.