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Technology Integration Workshop  
2016

**Unit Title: Prehistoric Settlement in Minnesota**

**Grade Level: (example: 9, 10, 11, 12 or 7-8) : 6th grade**

**Subject Area: (example: Science, Physics; English, Short Stories) Social Studies (Minnesota Studies)**

**Duration/Length/Number of class periods: (example: 5 class periods) 3 class periods**

**Description:**

The majority of the curriculum for this class deals with events beginning around European contact. The time periods beginning around 10,000 BCE are mostly skimmed over, with the main emphasis being a description of different styles of living and how they were affected by changing climate at the end of the last ice age. This unit deals with how things like human movement, settlement patterns, and trade changed over time, and why.

**Established Goals (National, State, Local):**

MN History Standard 6.4.4.15.1-Compare and contrast the Dakota and Anishinaabe nations prior to 1800

MN Geography Standard 6.3.4.10.1-Describe how land was used in different periods of Minnesota history. Explain how and why land use has changed over time.

**What Enduring Understandings are desired?**

- Geography influences needs, culture, opportunities, skills, choices, and interests.
- There is a relationship between the consumption and conservation of natural resources.

**What Essential Questions will be considered?**

- Why did hunting/gathering make sense for people 12,000 years ago?
- How did climate change lead to an increase in agriculture?
- How did the start of trading change the lives of early peoples of Minnesota?

**Students will know / be able to:**

- Describe the progression of glacial activity since the end of the last ice age.
- Identify the basic patterns of human settlement and how they were affected by landscape and climate.
- Create a map of Minnesota at the present, as well as at two different points in the past 12,000 years.

<b>Description</b>  <i>Units must include at least one of each formative, summative, introductory activity and learning activity. Check the appropriate box; one per row.</i>	<a href="#">Fo rm ati ve</a>	<a href="#">Su m ma tiv e</a>	Intr odu ctor y Acti vity	Lea rnin g Acti vity	Stu dent Tec hno logy Use d	Teac her Tec hno logy Used	<a href="#">ISTE Stan dard s</a>
<b>Day 1: Students will learn about glacial activity dating back to two million years ago. Visit the site below, view the illustrations. Everyone will get a map of Minnesota, and will be assigned a time period which they will illustrate the extent of glacier coverage.</b>  <a href="http://mrbdc.mnsu.edu/sites/mrbdc.mnsu.edu/files/public/mnbasin/flash/glaciers/glaciation_animation.html">http://mrbdc.mnsu.edu/sites/mrbdc.mnsu.edu/files/public/mnbasin/flash/glaciers/glaciation_animation.html</a>	x		x	x	x		3a
<b>Homework: Students will go into Google forms to answer three questions about glaciation.</b>  <a href="https://docs.google.com/forms/d/1MWN7o5DXAK4wi8tipvPsOq2yh3_hpDJNPB3NN04BRvQ/edit">https://docs.google.com/forms/d/1MWN7o5DXAK4wi8tipvPsOq2yh3_hpDJNPB3NN04BRvQ/edit</a>	x				x		
<b>Day 2: Before class, teacher will create a Linoit canvas for students to post pictures of different artifacts about the Paleo-Indian, Archaic, Woodland, and Late-Prehistoric peoples. Some of them have multiple subgroups, and we'll hand out cards before hand to ensure that those groups get covered. Each student should post one picture for each group, along with a label of what the artifact is.</b>  <b>Research using the following site:</b> <a href="https://mn.gov/admin/archaeologist/the-public/mn-archaeology/prehistoric-period/">https://mn.gov/admin/archaeologist/the-public/mn-archaeology/prehistoric-period/</a>	x			x	x	x	2a 1b
<b>Day 3: Using the Northern Lights textbook, the students will research the four time periods as they're classified in the book. They will be assigned one of the periods and answer the questions: What are two major changes/unique characteristics about this time period?; and, What are three pieces of evidence that have helped archaeologists come to that conclusion?</b>		x		x			4a

**Materials, tools and resources**

*Northern Lights* textbook, Chapter 2

Paper blank maps of Minnesota

<http://mrbdc.mnsu.edu/minnesota-river-basin-glaciation>

<https://mn.gov/admin/archaeologist/the-public/mn-archaeology/prehistoric-period/>

Poster board for summative timeline

Unit Plan Author (name, school and optional email address or hyperlink to teacher's web page) Tony Johnson, Luverne Middle School

Additional credit given to