

## 1. Alliance Summer Geography Institute

NDGA in partnership with the Dakota Science Center and UND Department of Geography – June 3-7 – 3 credits *The Kaleidoscope of North Dakota's Regions*

Enjoy the geographic spirit of adventure in the Red River Valley of the North. Day trips will provide many opportunities for classroom application. Housing and most meals provided. \$50 class registration fee. To request a registration form and more information, please contact the North Dakota Geographic Alliance, Marilyn Weiser, at 701-858-063 or 721-6248 or marilyn.weiser@minotstateu.edu

**2. Teacher Resource Coalition Workshop – North Dakota Wars: the Civil War and the Cold War – June 26-28 – Valley City – 2 credits** Based at Valley City State University on June 26-28, we will combine history, geography, and environmental studies in a learning cohort we will exchange ideas, approaches and experiences to strengthen our practical teaching and learning activities. For details contact Erik Holland, teacher of record and Curator of Education with the State Historical Society of North Dakota at eholland@nd.gov or 701 328-2792.

**3. Geographically FIT (*Forestry Institute for Teachers*) – Charter Bus Tour of Central North Dakota August 5-8, 2013 – 2 credits – Starting in Hazen** we will tour the Garrison Dam, Audubon Wildlife Refuge, Knife River Indian Villages, Lewis and Clark Fort Mandan Centers, Cross Ranch State Park, Smith Grove, Great Plains Synfuels Plant and the Freedom Lignite Mine. Contact NDGA or 721-6248, Glenda Fauske at 228-5446.

## 4. Murmuration

Incredible Group Bird Behavior Caught on Video

(Note: My grandchildren and I actually saw a murmuration (or living cloud) last fall)

<http://vimeo.com/31158841> and

<http://www.wjla.com/blogs/weather/2011/11/birds-flocking-in-cloud-formation-form-a-murmuration-video--13504.html> Two young women were out for a late afternoon canoe ride and fortunately one of them remembered to bring her video camera. What they saw was a wonderful murmuration display, caught in the short video."

## 5. Schoolyard Habitat Program

This US Fish & Wildlife Service initiative helps teachers and students create wildlife habitats at their schools. Their teacher's guide offers teaching and learning opportunities in many discipline areas and provides opportunities for long-term data collection. Additionally, schools and

organizations serving K-12 students may apply for grants of up to \$8,000.  
<http://www.fws.gov/cno/pdf/HabitatGuideColor.pdf>

## **6. Earth at Night 2012**

<http://earthobservatory.nasa.gov/Features/NightLights/?src=eo-features>

Scientists are using new images of Earth's dark side to gain insight on human activity and poorly understood natural events.

## **7. Top 100 Sites & Apps of 2012**

<http://www.techlearning.com/Default.aspx?tabid=67&EntryId=5054>

## **8. ND aerial photography**

<http://www.vernwhittenphotography.net/photos/wes1212>

ND photos of winter work, snow and frost.

## **9. Tumbletown Mathletics Games—Grade 1-5**

Want a fast paced game that will test a variety of mathematic skills as well as reflexes when using the computer mouse? Practice fractions, counting money, understanding spatial relationships, perimeter measurement, and basic arithmetic calculations such as adding, subtracting, simple multiplying and dividing while earning points. There are five increasingly difficult levels to this interactive game. <http://www.tvokids.com/games/tumbletownmathletics>

## **10. Rich Blocks, Poor Blocks**

A map of income and rent in every neighborhood in every city in America

<http://www.richblockspoorblocks.com/>

## **11. Science Lessons for 3-5 Year Olds**

"Marvelous Explorations Through Science and Stories: MESS is a science-centered early childhood curriculum enhancement. The goal of MESS is to foster children's language development, literacy development, problem solving, curiosity and motivation, and general knowledge through science experiences." <http://www.flmnh.ufl.edu/educators/resources/mess-early-childhood/>



**April 2013 GeoGram.doc**

44K [View](#) [Download](#)

[Reply](#) [Reply to all](#) [Forward](#)



[Click here to Reply, Reply to all, or Forward](#)