

This GeoGram comes with best wishes for a wonderful, relaxing summer. It contains some fun things that we have gathered throughout the year. Enjoy!!

1. Rules Kids Won't Learn in School (Note: There have been a few versions of this. I believe this one is by Bill Gates) <http://www.c4vct.com/kym/humor/kidrules.htm>

2. Lightening Hits the Sea
<http://www.wimp.com/lightningsea/>

3. NG Live! Tech Lab
National Geographic's Mark Bauman, Eric Berkenpas, and Mike Shepard give a special look at the gadgets and gizmos inside the Nat Geo technology lab. 3 videos about how they get the story – extreme film making!
http://education.nationalgeographic.com/education/multimedia/ng-live-engineering-exploration-technology/?ar_a=1&utm_source=AC+BLAST+for+October+4%2C+2012&utm_campaign=AC+BLAST&utm_medium=email

4. Earth Observatory
<http://earthobservatory.nasa.gov/NaturalHazards/view.php?id=79810>
Satellite imagery shows the area that has been aglow at night in recent years in northwestern North Dakota. The reason: the area is home to the Bakken shale formation, a site where oil production is booming.

5. Worldview
Browse city night lights
http://earthdata.nasa.gov/labs/worldview/?map=-24.484375,14.05078125,50.75,62.14453125&products=baselayers.VIIRS_CityLights_2012~overlays.sedac_bound&switch=geographic

6. 40 Sites for Educational Games
<http://cyber-kap.blogspot.com/2012/08/40-sites-for-educational-games.html>

7. Watch 131 Years of Global Warming in 26 Seconds
<http://www.nasa.gov/topics/earth/features/2011-temps.html>
“From our friends at NASA comes this amazing 26-second video, depicting how temperatures around the globe have warmed since 1880.”

8. Worldmapper
The world as you have never seen. The maps presented on this website are equal area cartograms, otherwise known as density-equalising maps. The cartogram re-sizes each territory according to the variable being mapped. The particular method used is one described by Michael Gastner and Mark Newman (see below for link).
<http://www.worldmapper.org/about.html>

9. What Would Happen If All of [the Water](#) on Earth's Surface were Bunched up

into a **Ball?**

“How much of planet Earth is made of water? Very little, actually. Although [oceans of water](#) cover about 70 percent of Earth's surface, these oceans are [shallow compared](#) to the Earth's radius. The [above illustration](#) shows what would happen if all of [the water](#) on or near the surface of the Earth were bunched up into a [ball](#).”

<http://apod.nasa.gov/apod/ap120515.html>

10. GeoSpatial Revolution

For your viewing pleasure. If you want to explain why Geography is an important subject to teach, that students well-grounded in geography can get jobs in a multiplicity of industries, or if you just need an uplift and reminder of why you love the subject, take a look at these films by Penn State Public Broadcasting.

<http://geospatialrevolution.psu.edu/>

11. Nat Geo Education Blog

Explore the For Families feed of the National Geographic Education Blog to find our newest and best lessons, units, interactives, videos, games and more.

<http://blog.education.nationalgeographic.com/>

12. The Census Bureau

An online population game that pits cities against one-other in a fantasy football like game of who beats whom in this weeks' data visualization exercise.

<http://www.census.gov/dataviz/visualizations/057/?intcmp=sldr1>

13. Chronicling America

Look at historic newspapers in ND.

<http://chroniclingamerica.loc.gov/>

Search America's historic newspapers pages from - or use the U.S. Newspaper Directory to find information about American newspapers published between 1690-present.

14. Time Lapse: Space Shuttle Endeavour Squeezes Through L.A. Streets THIS IS AMAZING

“The space shuttle Endeavour made its last journey, traveling 12-miles on city streets from Los Angeles International Airport, through Inglewood, to the California Science Center in Exposition Park.” <http://www.youtube.com/watch?v=JdqZyACCYZc>

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15. More from Vern Whitten Photography

#1. Waiting for spring in the Bakken.

www.vernwhittenphotography.net/wes31013

#2. Red River Valley Flooding (Selected photos 1997 to date)

www.vernwhittenphotography.net/fld9711

16. Car Salesman Gets the Car Ride of his Life from Jeff Gordon

Jeff Gordon and Pepsi MAX go to a car dealership where a disguised Jeff Gordon

takes an unsuspecting car salesman on the test drive of his life.

<http://www.youtube.com/watch?v=Q5mHPo2yDG8>

17. E Dakota and W Dakota

<http://blogs.esri.com/esri/gisedcom/2013/05/10/east-dakota-west-dakota/>

Would E Dakota and W Dakota have been a better plan than N and S Dakota? Why or why not?

18. For Out of School Time

A menu full of games that will entertain kids all summer, while sneaking in a few informal science and technology lessons -- but don't let them know about this latter advantage!

<http://spaceplace.nasa.gov/menu/play/>

19. Tom Brokaw Explains Canada to Americans

http://www.youtube.com/watch?v=bV_041oYDjg