**GEOLOGY:**

**Minerals**

**Site: Mineral Uses**

[**http://www.rocksandminerals.com/uses.htm**](http://www.rocksandminerals.com/uses.htm)

**Site : Fireworks**

[**http://www.rocksandminerals.com/fireworks.htm**](http://www.rocksandminerals.com/fireworks.htm)

**Site: Mineral Groups**

[**http://www.galleries.com/Mineral\_Groups**](http://www.galleries.com/Mineral_Groups)

**Volcanoes**

**Site: Glencoe Virtual Lab**

[**http://www.glencoe.com/sites/common\_assets/science/virtual\_labs/ES10/ES10.html**](http://www.glencoe.com/sites/common_assets/science/virtual_labs/ES10/ES10.html)

**Tsunamis**

<http://www.ciese.org/curriculum/tsunami/teachermove.shtml>

Additional Websites (Helpful for many of the questions in this activity!):

1. <http://www.ga.gov.au/hazards/tsunami/tsunami-basics.html>
2. <http://www.ema.gov.au/www/ema/schools.nsf/Page/GetTheFacts_Tsunami_Tsunami>
3. <http://www.earthsci.org/education/teacher/basicgeol/tsumami/tsunami.html>

**Glaciers**

<http://phet.colorado.edu/en/simulation/glaciers>

**METEOROLOGY:**

**Weather vs. Climate**

https://www.ncei.noaa.gov/news/weather-vs-climate

**Seasons**

1)LENGTH OF DAY:

<http://www3.eboard.com/boards/16/92/94/Brownstein/att-1573310/LengthofDay%5B1%5D.swf>

2) SUN’S PATH

<http://www3.eboard.com/boards/16/92/94/Brownstein/att-1573305/SeasonsModule_bothviews_.swf>

<http://www3.eboard.com/boards/16/92/94/Brownstein/att-1573293/Seasons--interactive.swf>

**Snow**

<http://weather.weatherbug.com/weather-education/lp/connections/1009_RWI_Snow_Chills.htm>

**ww2010**

AIR PRESSURE

[http://ww2010.atmos.uiuc.edu/(Gh)/guides/crclm/act/prs.rxml](http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/crclm/act/prs.rxml)

PRECIP ALONG FRONTS

[http://ww2010.atmos.uiuc.edu/(Gl)/guides/crclm/act/fpr.rxml](http://ww2010.atmos.uiuc.edu/%28Gl%29/guides/crclm/act/fpr.rxml)

FORECASTING PRECIPITATION

[http://ww2010.atmos.uiuc.edu/(Gh)/guides/crclm/act/fprcp.rxml](http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/crclm/act/fprcp.rxml)

MIDLATITUDE CYCLONES

[http://ww2010.atmos.uiuc.edu/(Gh)/guides/crclm/act/cyc.rxml](http://ww2010.atmos.uiuc.edu/%28Gh%29/guides/crclm/act/cyc.rxml)

**Fronts**

<http://www.hpc.ncep.noaa.gov/noaa/noaa.gif>

**Tornadoes**

<http://www.pbs.org/wgbh/nova/tornado/>

**Climate Change**

<http://calculator.bioregional.com/step01.php>

**Astronomy**

**Electromagnetic Spectrum**

<https://imagine.gsfc.nasa.gov/science/toolbox/emspectrum1.html>

**The Sun**

Article 1:

<http://science1.nasa.gov/science-news/science-at-nasa/2005/27jan_solarflares/>

Article 2:

<http://www.nasa.gov/vision/universe/solarsystem/clear_weather_feature.html>

Article 3:

<http://science1.nasa.gov/science-news/science-at-nasa/2001/ast04may_1/>

Article 4:

<http://science1.nasa.gov/science-news/science-at-nasa/2002/06feb_hessi/>

Article 5:

<http://edition.cnn.com/2004/TECH/space/07/09/solar.storm.proof/>

Article 6:

<http://science1.nasa.gov/science-news/science-at-nasa/2006/10may_longrange/>

**The Moon**

Lunar Tides

<http://www.seafriends.org.nz/oceano/tides.htm>

<http://home.hiwaay.net/~krcool/Astro/moon/>

Moon Interactives

<http://www.quia.com/cc/431147.html>

<http://www.sciencenetlinks.com/interactives/moon/moon_challenge/moon_challenge.html>

<http://www.quia.com/ba/94094.html>

**Bottle Rockets**

Rocket Research 101,102, & 103:

<https://www.grc.nasa.gov/WWW/K-12/rocket/BottleRocket/journey.htm>

Additional Information:

<https://www.grc.nasa.gov/www/k-12/rocket/rktbot.html>