

## 6th Grade Science- Summer Enrichment Activities

*Welcome to Timberlane! Please visit the links below to various activities that will be helpful in Grade 6 Science this coming school year.*

1. Exploring by the Seat of Your Pants - Climate Change Playlist - explore topics related to climate change as you learn about many different careers in science.  
[https://www.youtube.com/watch?v=z6LB9LAX9nA&list=PLwKFsJZmdxpGvHnQ\\_KU\\_qo6Mx7M0z7bbq](https://www.youtube.com/watch?v=z6LB9LAX9nA&list=PLwKFsJZmdxpGvHnQ_KU_qo6Mx7M0z7bbq)
2. Learn about how satellites are used to create weather forecasts and then explore to learn about different weather systems:  
<https://scijinks.gov/how-a-weather-forecast-is-made/>
3. As you get out and hike, be a citizen scientist:  
<https://www.outdoors.org/conservation/climate-energy/citizen-science>
4. Learn about light pollution and what you can do to help stop it by becoming an advocate and a citizen scientist: <https://www.globeatnight.org/>
5. Get to know more about our Earth and how it was formed by watching any of the episodes from "How the Earth Was Made" series.
6. Research about earthquakes to see where they are in the world. Looking at the data, see if you can identify any patterns in terms of magnitude and location. Develop a claim for why that pattern occurs.  
<https://www.usgs.gov/natural-hazards/earthquake-hazards/earthquakes>
7. Develop a model about how the solar system formed. Watch this video for information that can be included in your model.  
<https://spaceplace.nasa.gov/solar-system-formation/en/>



