Dear Families,

This week in science we will be learning about changes that occur on the Earth’s surface at different rates. Some changes, such as volcanoes and earthquakes, occur rapidly and other changes, mainly erosion, happen at a much slower rate. Our week is packed with hands-on activities and science stations. We will begin the unit by reading *Superstorms* by Seymour Simon from the reading book and looking at new vocabulary terms. This engaging science unit is filled with hands-on activities and experiments!

I am looking forward to working with these young scientists and learning about the changes that occur on the Earth’s surface. If you have any questions or concerns about our science unit, please feel free to contact me at knrinker0@frostburg.edu.

- Miss Kenya Rinker  
Frostburg State Intern

### Topics of Study
- Tornado
- Hurricane
- Earthquake
- Volcano
- Erosion

### Home-School Connection
Looking for a fun activity to try at home? Try making your own edible lava rocks using a chocolate bar and mini marshmallows! While completing this activity, discuss with your child the properties of volcanoes and lava. Ask your child “What is happening now? How is this similar to what occurs with real volcanoes?” For directions, scan the QR Code or visit [http://teacher.scholastic.com/activities/wwatch/volcanoes/experiments.htm](http://teacher.scholastic.com/activities/wwatch/volcanoes/experiments.htm)

### News-Worthy Readings
- *Tornadoes!* by Gail Gibbons
- *I Survived: The Eruption of Mount St. Helens, 1980* by Lauren Tarshis
- *Earthquake in the Early Morning*, Magic Tree House by Mary Pope Osborne
- *Yesterday We Had a Hurricane* by Deirdre McLaughlin Mercier

You can find more family resources at: [http://missrinker.weebly.com/](http://missrinker.weebly.com/)