**GEOHAZARDS PROJECT**

**Earth & Environmental Science Essential Standards 2.1.4**

* Conclude the best location for various types of development to reduce impacts by geohazards and protect property.
* Explain precautions that can be made to protect life from various geohazards. Some examples include volcanoes, earthquakes, landslides, Tsunamis, sinkholes, cyclones, groundwater pollution and flooding.

**Objectives:**

* *Describe what a geohazard is.*
* *Identify and describe various geohazards, their cause and effects.*
* *Identify geographic areas of interest pertaining to specific geohazards*
* *Identify warning signs and/or predictions pertaining to specific geohazards*
* *Describe examples of current events pertaining to volcanoes, earthquakes, landslides, Tsunamis, sinkholes, cyclones, groundwater pollution and flooding.*
* *Identify and suggest a sequence of actions to minimize potential effects.*

**What to do:**

* Prepare a **brochure or a broadcast of a public service announcement** explaining several geohazards and how best to prepare for them.
* Pairs of students are assigned to the following categories and will **investigate and research** the geohazard category and **suggest a sequence of actions to minimize its potential impact.**
  + Volcanoes and Landslides
  + Earthquakes and Tsunamis
  + Sinkholes and Groundwater pollution
  + Flooding and Cyclones

**Procuct information:**

* **Brochure:**
  + **Using Microsoft Word, Publisher or other processing software to create a brochure that will be copied and distributed to the class.**
* **Broadcast:**
  + **This may be live broadcast or recorded video, photostory, windows movie maker, flip video, ivideo.**
* A **geohazard** is any natural hazard that is **caused by the Earth**, for example volcanoes, earthquakes, floods, tsunamis and cyclones. These and other geohazards can cause great loss of life and damage to property when they occur so governments are always looking for ways of reducing the impacts of geohazards. Remember it is impossible to stop a volcano erupting or an earthquake happening!