***Volcanoes and Earthquakes***

***Name: Miss Yvonne***

***Grade Level: 2 Subject: Science***

***Goal /Objective: Students will identify at least one characteristic of a volcano and earthquake.***

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**Materials:**

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| 1.earthquake and volcano books  2. pictures of bad weather  3.vocabulary words  4. | 5.  6.  7.  8. | 9.  10.  11.  12. |

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**Intro:**

Have students act out the water cycle.

Put the vocabulary words precipitation, evaporation, and condensation at 3 different spots in the room forming a rough circle. Have students come two or three at a time and act out what happens at each spot in the water cycle. The class can say the words as they act them out.

Show pictures of hurricane, tornado, thunderstorm, and blizzard.

Have students tell some things about each.

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**Lesson:**

*Today we will learn about the last two bad weather things—these are a bit different. Not caused by wind or precipitation.*

Teach about earthquakes

* When the ground shakes
* Large cracks or some ground moves up and some down
* Plates in the earth that move
* Where they rub together there are earthquakes.

*Why is the ground shaking dangerous?*

Show some pictures.

Talk about volcanoes

* Often go with earthquakes
* Hot lava (melted rock) comes up between the plates of the earth.
* Sometimes it comes with a mighty blast
* Rocks and dirt and smoke fly into the air
* Trees are flattened with the hot air
* Lava may flow out and cover houses and roads.
* Then a mountain may not do it for years and years.

*Why is this dangerous?*

Show some pictures.

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**Homework / Assignment:**

Look at books about volcanoes and earthquakes and other bad weather.

Write two or more sentences telling about the weather you think is the worst one and why you think so.

On the back of this paper, draw the water cycle, labeling the three things that happen in the water cycle.

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