

# RAPID CHANGES PROJECT


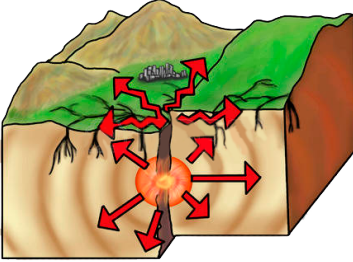
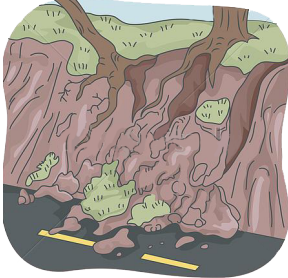
3<sup>rd</sup> Grade 2017

#USESTALLIONS

**T**HIS JUST IN! Third graders at Stephens Elementary have been assigned a project to **create a display on rapid changes**. Students will **select 1** of the 3 rapid changes shown below (*Fig.1a*) to showcase their knowledge and creativity. Students must answer the required questions for the rapid change of their choice in the project. Students may complete the project by using any medium (poster, video, 2D or 3D model, brochure, Discovery Education interactive web board, etc...). **The deadline has been reported as, \_\_\_\_\_**. The third grade teachers at Stephens Elementary are looking forward to seeing what their students will create. See **page 2** for the *grading rubric* and **page 3** for *helpful resources to complete the project*.

Fig. 1a

Article By: Harry E. Cane

VOLCANOES	EARTHQUAKES	LANDSLIDES
		
<p>1. Draw a picture of a volcano and label these parts:</p> <ul style="list-style-type: none"><li>- Lava</li><li>- Magma</li><li>- Crater</li><li>- Cone</li></ul> <p>2. What are some of the <b>causes</b> and <b>effects</b> of <u>volcanic eruptions to the earth's surface</u>?</p> <p>3. What landforms can be created as a result?</p> <p>4. What are the scientist called that study volcanoes? What are some tools do they use to help them?</p>	<p>1. Draw a picture of an earthquake and label these parts:</p> <ul style="list-style-type: none"><li>- Tectonic plates</li><li>- epicenter</li><li>- Fault and focus</li><li>- Seismic waves</li></ul> <p>2. What are some of the <b>causes</b> and <b>effects</b> of <u>earthquakes to the earth's surface</u>?</p> <p>3. What landforms can be created as a result?</p> <p>4. What are the scientists who study earthquakes called? What are some tools do they use to help them?</p>	<p>1. Draw a picture of a landslide and label these parts:</p> <ul style="list-style-type: none"><li>- Crown</li><li>- Main body</li><li>- Toe</li></ul> <p>2. What are some of the <b>causes</b> and <b>effects</b> of <u>landslides to the earth's surface</u>?</p> <p>3. What are the scientists who study landslides called? What are some tools do they use to help them?</p>

# Rapid Changes Project-Grading Rubric

Name: \_\_\_\_\_

Rapid Change: Volcano / Earthquake / Landslide

Areas assessed (max points)	Not Quite	Getting There	Good Job	Excellent Work
<b>Title</b> <b>The name of the rapid change is easily visible, neatly written or stated.</b> <i>(5 points)</i>	There is no title, or it is not easily visible. <i>(2 points)</i>	The title is on the poster, but is not easily visible/neatly written/spelled correctly. <i>(3 points)</i>	The title is on the poster, it is neat, spelled correctly, and easily visible. <i>(4 points)</i>	The title is creatively displayed on the poster, it is spelled correctly, neatly written and well thought out. <i>(5 points)</i>
<b>1. The rapid change is clearly stated and labeled.</b> <i>(25 points)</i>	The illustration is not included, or is not neatly drawn; required labels are missing. <i>(10 points)</i>	The illustration is included, but it might be messy, or have mistakes in the labels and drawings. <i>(15 points)</i>	The illustration is included, drawn neatly and correctly. Labels are correctly placed, spelled and written neatly. <i>(20 points)</i>	The illustration is included, creatively displayed or explained with all labels correctly placed, spelled and neatly written. <i>(25 points)</i>
<b>2. The cause and effect is clearly explained or identified. Landform is noted and explained (volcano and earthquake only)</b> <i>(25 points)</i>	The cause/effect/landform is not included or is not correct. <i>(10 points)</i>	The cause/effect/landform is included, but has some mistakes (spelling, incorrect information). <i>(15 points)</i>	The The cause/effect/landform is included with correct information, spelling and is neatly written. <i>(20 points)</i>	The The cause/effect/landform is creatively displayed or explained with correct information, spelling and is neatly written. <i>(25 points)</i>
<b>3. The type of scientist and tools used are identified and explained.</b> <i>(25 points)</i>	The scientist name and tools aren't included or are incorrect. <i>(10 points)</i>	The scientist name and tools are included, but there are some mistakes (spelling, incorrect information). <i>(15 points)</i>	The scientist name and tools are included with correct information, spelling, and is neatly written/understood. <i>(20 points)</i>	The scientist name and tools are creatively displayed or explained with correct information, spelling and is neatly written/understood. <i>(25 points)</i>
<b>Creativity / Neatness</b> <b>The student will use color, or a variety of mediums to create a visually appealing poster.</b> <i>(20 points)</i>	The project is messy, doesn't show attention to detail or effort spent on completing the assignment. <i>(5 points)</i>	The project is a little messy, and not well thought out but effort was put in to creating it. <i>(10 points)</i>	The project is neat and well thought out. There was time and effort spent on it. <i>(15 points)</i>	The project is very neat and well thought out. It has creative and different ways to communicate information. <i>(20 points)</i>

Final Grade: \_\_\_\_\_ / 100

# Helpful **RESOURCES**

- **DISCOVERY EDUCATION**

- Access through Katy Cloud (use HAC log in info)
- Elementary tab, Discovery Education
  - Assignments: Teacher Created boards on volcanoes, earthquakes, landslides, and earthquakes for reference.
  - Create your own board for your project (if you choose).

- **STEMSCOPES**

- Access through Katy Cloud
- Assigned from teacher: Stemsscopes-a-pedia, vocabulary, content review, online interactive lab.

- **BRAIN POP JR.**

- Login: katyisd
- Password: KISD1234

- **LANDSLIDES**

[http://www.weatherwizkids.com/?page\\_id=1326](http://www.weatherwizkids.com/?page_id=1326)

- **EARTHQUAKES**

[http://www.weatherwizkids.com/?page\\_id=96](http://www.weatherwizkids.com/?page_id=96)

- **VOLCANOES**

[http://www.weatherwizkids.com/?page\\_id=98](http://www.weatherwizkids.com/?page_id=98)

**MY KATY CLOUD**

ID: \_\_\_\_\_

PW: \_\_\_\_\_