Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

Eighth Grade Distance Learning Plan
Week of May 4 - 8, 2020

Science Activities
(Suggested: 25 minutes of off-line activities)

TEKS: 8.9B

MONDAY

Formation of Earth's Crustal Features

The earth's crust is broken up into many pieces called plates. These plates move along the top of the asthenosphere. The plates move very slowly-at rates of several centimeters a year.
The crack between the plates are called plate boundaries. Along plate boundaries the plates slide past each other, pull apart or move together. The Theory of Plate Tectonics explains all of this movement. Plate tectonics is what causes major crustal features such as mountains, volcanoes, fault lines and ocean basins. When the plates move toward each other the land crumbles and form high mountain ranges. The Himalayan Mountains were formed with the Indo-Australian plate slammed into the Eurasian Plate. When plates pull apart ocean basins are formed such as the Atlantic Ocean. When the plates slide past each other it causes fault lines to appear such as the San Andreas fault in California. Volcanoes and earthquakes also occur around many plate boundaries.

Use the link to watch the Plate Tectonics video and answer the following questions.
https://img1.wsimg.com/blobby/go/22e9b556-9783-4429-898d-957da653d717/downloads/1bom2mvj6_781552.mp4?ver=1582759186507

1. What was Pangea?
2. What two continents fit together like a puzzle?
3. What did Alfred Wegner call his theory?

TUESDAY

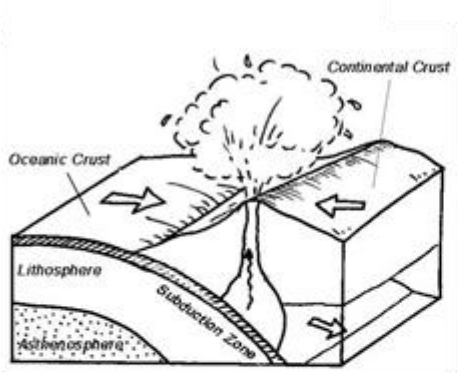
https://img1.wsimg.com/blobby/go/22e9b556-9783-4429-898d-957da653d717/downloads/1bom2ojq3_848633.ppt?ver=1582759186507

Use the link above to answer the following questions:

1. How do convergent boundaries move?
2. How do transform boundaries move?
3. How do divergent boundaries move?

Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

WEDNESDAY



4. What type of Plate Boundary is shown?

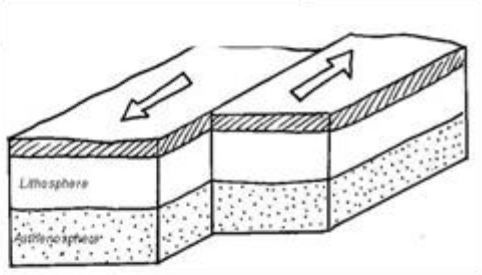
_____

5. What type of effects does this type of boundary have on the area around it?

_____

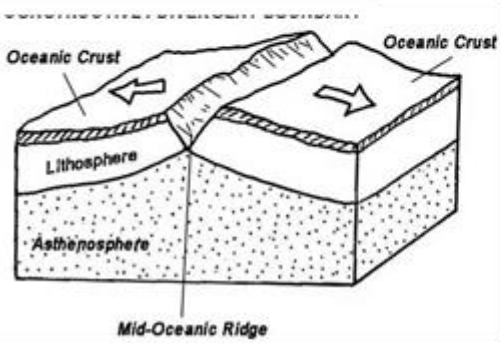
6. What type of Plate Boundary is shown?

_____



7. What type of effects does this type of boundary have on the area around it?

_____



8. What type of Plate Boundary is shown?

_____

9. What type of effects does this type of boundary have on the area around it?

_____

Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

Use the lesson from Tuesday to answer the following questions.

Thursday:

1. Convergent plate boundaries cause what type of crustal feature?
   a. Ocean basins b. Mountains c. River valleys

2. Divergent plate boundaries cause what type of crustal feature?
   a. Ocean basins b. Mountains c. River valley

3. Transform plate boundaries cause what type of crustal feature?
   a. Ocean basins b. Mountains c. River valley

Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

Math Activities
(Suggested: 45 minutes of off-line activities)

TEKS: 8.2A 8.5A 8.7C 8.2B

Monday

Two friends argue over how much to bill for a two-hour raking job. They charge their normal hourly rate PLUS $2.75 for lawn bags. Write an equation to display what they would owe if they charged $36.00

Hint: Your answer should look like a two-step equation.

Tuesday

Solve for Z.
-2z+3 = -7z- 12

A. Z = -15
B. Z= -3
C. Z= -1.8
D. Z= 1

Wednesday

Francine has a square mosaic that is made from small glass squares. If there are 196 squares total in the mosaic, how many are there along an edge?

A. 98 squares
B. 49 squares
C. 16 squares
D. 14 squares

Hint: Sounds like we have to get to the *"square root of things"*

Thursday

Mahala is making a piece of jewelry that is in the shape of a right triangle. The two shorter sides measure 9mm and 12mm. Find the length of the longest side of the triangle.

A. 42mm
B. 67mm
C. 15mm
D. 5mm

Friday

ALL WORK DUE ON GOOGLE CLASSROOM

Pro-Vision Academy Charter School
Eighth Grade Distance Learning Plan

8th Grade AVID Distance Learning Plan
Week of May 4 – 8, 2020

Computer, Reading and Writing Activities
(Suggested: 90 minutes of off-line activities)

AVID.org

Monday - Thursday

Writing Task 1: Today you will start a daily opinion journal. Write a story about a time you planned or helped plan a surprise party for someone. Think about how you would plan a surprise party if you have never done it before.

Write about the steps needed to plan the surprise party.

- List the items needed
- List the steps in the right order
- Organize your writing
- Develop your ideas in detail

Use correct spelling, capitalization, punctuation, and grammar.

Writing Task 2: Winning an award for hard work makes you feel proud.

Think about a time you felt proud of yourself.

Write about a time when you felt proud of yourself.

- Write about a personal experience.
- Clearly state your reason and ideas.
- Organize your writing.
- Develop your ideas in detail.

Use correct spelling, capitalization, punctuation, and grammar.

Friday

Writing tasks are due 5/8/2020