



Thursday 8th July 2021

To be able to understand how to stay safe in an earthquake

Waiting task:

An introduction to earthquakes



On a piece of paper, write down everything you know about earthquakes



With Mr Morrison

CAW Online Learning Expectations

So that we can learn online:

I will listen when my teacher is talking. *Stay near to your laptop/tablet so that you can hear your teacher.*

I will be on time. *Get your laptop/tablet ready before your session is going to start. Sit at a table and have some paper and a pencil with you. Your teacher will start at the time you have been given.*

I will be respectful. *Take turns to speak or ask questions. Click on the raise hand button and wait for your teacher to give you a turn to speak. If you want to answer 'yes' or 'no' click on these buttons.*

I will be kind. *Think before you send messages. Is this true? helpful? necessary? kind?*

I will be ready for learning. *Wear appropriate clothes and try not to have breaks during the session e.g. having a drink or going to the toilet.*

If possible please can you wear headphones to help prevent distractions during the lessons!



City Academy
Whitehawk

How to ask/answer questions...

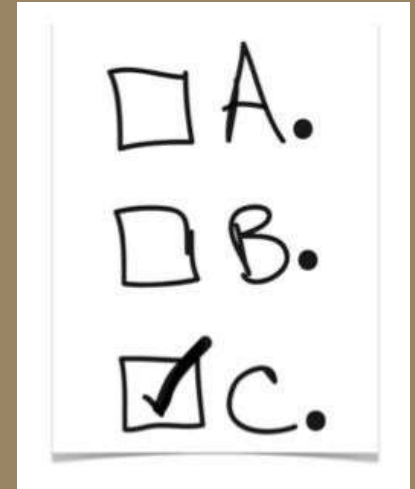
These signs show you how I would like your answers...



You can type
your answer



You can put your hand
up if you would like to
be unmuted to share
your answer



I will give you some
answers and you will
choose the one you
think is correct!

Let's recap...

In Paragon we learn about History...



or



History is the study of past events



What time in history are we learning about? Today we are carrying out a geography lesson.



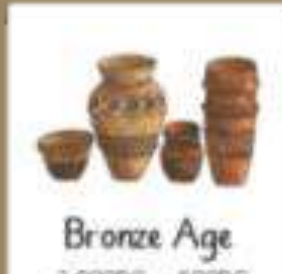
Mesozoic Era

250,000,000
years ago



Stone Age

15,000 BC -
2,500 BC



Bronze Age

3,000 BC -
800 BC



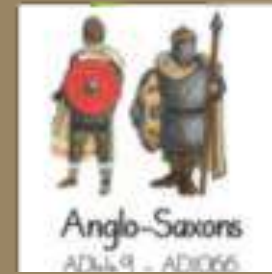
Iron Age

800 BC -
AD43



Romans in Britain

AD43 -
AD410



Anglo-Saxons

AD410 -
AD1066



Vikings

AD793 -
AD1066



Normans

AD1066 -
AD154



Middle Ages

AD154 -
AD1485



Tudors

AD1485 -
AD1603



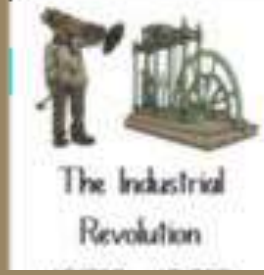
Georgians

AD1714 -
AD1837



Empire and Sea
Power

AD1714 -
AD1837



The Industrial
Revolution

AD1760 -
AD1820



Victorians

AD1837 -
AD1901



World Wars

WW1 - 1914 - 1918
WW2 - 1939 - 1945



Modern Britain

1945 - now

Let's recap...

In Paragon we also learn about Geography ...

Geography is the study of the earth's physical features and its people.

Where are we learning about?

Earthquakes happen almost every day! See next slide!


















or



Let's get warmed up!



Spell Your Own Workout!

| | | | | | | |
|--|---|---|---|---|---|---|
| A sit ups  15 times | B burpees  15 times | C press ups  15 times | D lunges  15 times | E squats  15 times | F frog jumps  15 times | G toe touches  15 times |
| H high knees  15 times | I star jumps  15 times | J jump lunges  15 times | K sofa dips  15 times | L tuck jumps  15 times | M arm circles  15 times | N sprint on spot  15 seconds |
| O leg lift  15 seconds | P plank  15 seconds | Q bicycle legs  15 seconds | R jumping jacks  15 seconds | S jog on spot  15 seconds | T balance (right)  15 seconds | U jump  15 seconds |
| V heel flicks  15 seconds | W wall sit  15 seconds | X balance(left leg)  15 seconds | Y tree pose  15 seconds | Z floss  15 seconds | <p>Spell out your name and note down each move you need to do for each letter - this makes your own personal workout!</p> <p>Next, why not try a friend, family member or celebrity's name?</p> | |

An introduction to the earthquakes and how to stay safe!



Recent earthquakes



M 5.2
22 km from
Waimea, HI, USA

6 Jul, 00:43



M 5.3
15 km from
Hualien City,
Hualien County,
Taiwan

7 Jul, 12:24



M 5.7
582 km from
Nasinu, Fiji

7 Jul, 07:39



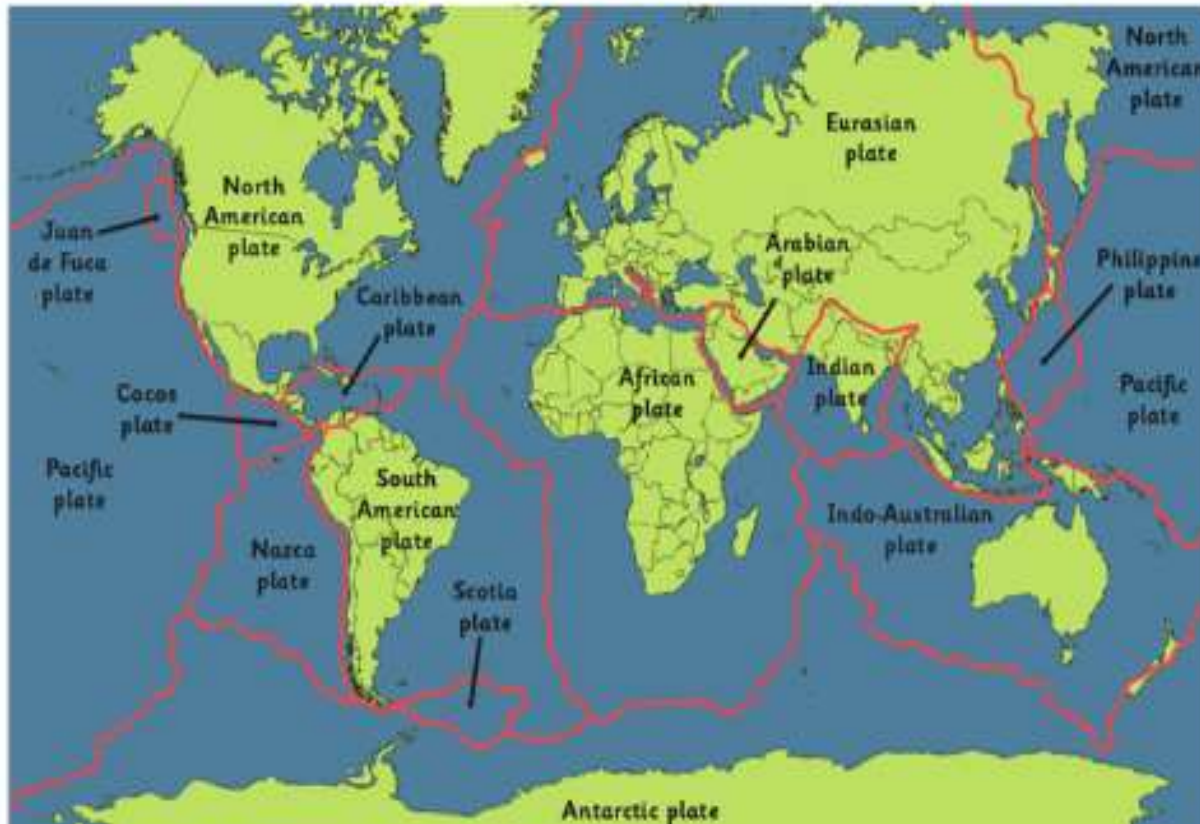
M 5.3
12 km from
Lakhimpur, Assam,
India

7 Jul, 04:15

Let's recap! Tectonic Plates



The Earth's crust isn't one solid layer. It is broken up into huge areas called tectonic plates that float on top of the mantle.



First, grab two pieces of paper.

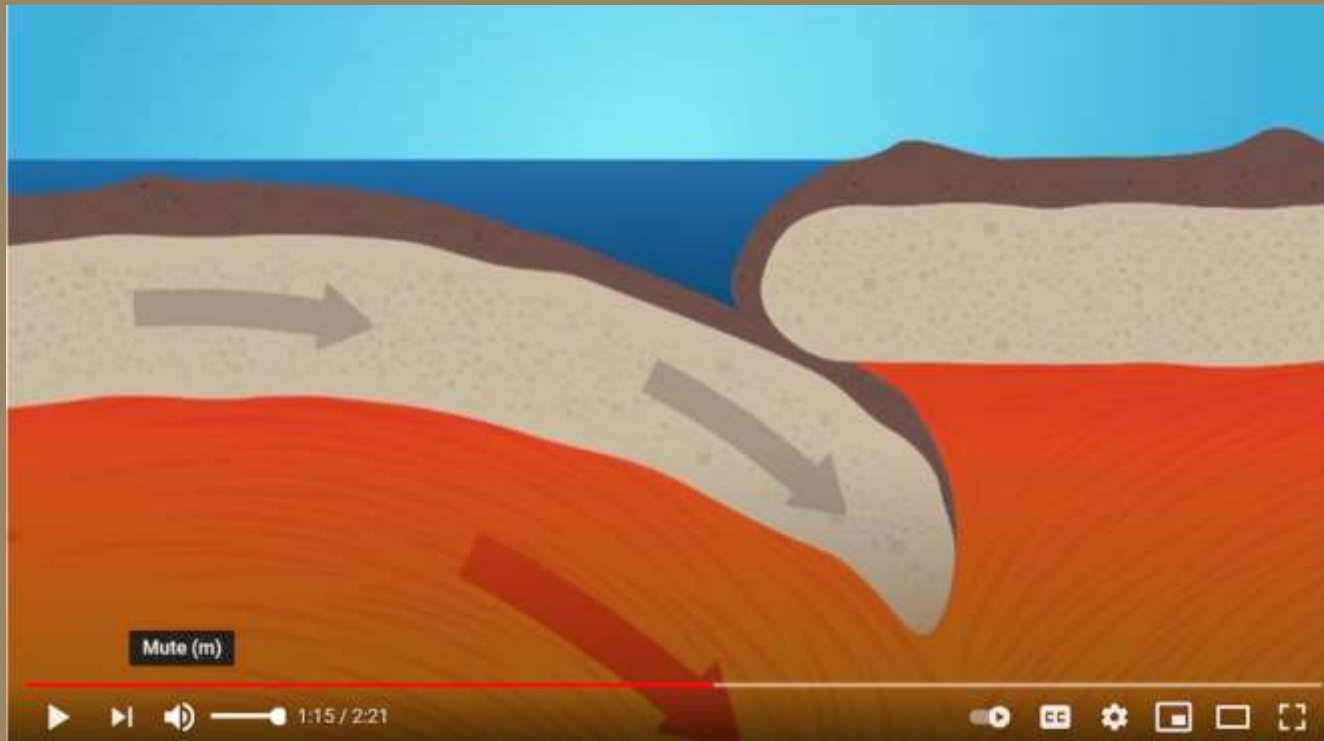
Next, push them, slides them and rub them into one another.

Last, what happens?

Let's Recap! Tectonic Plates



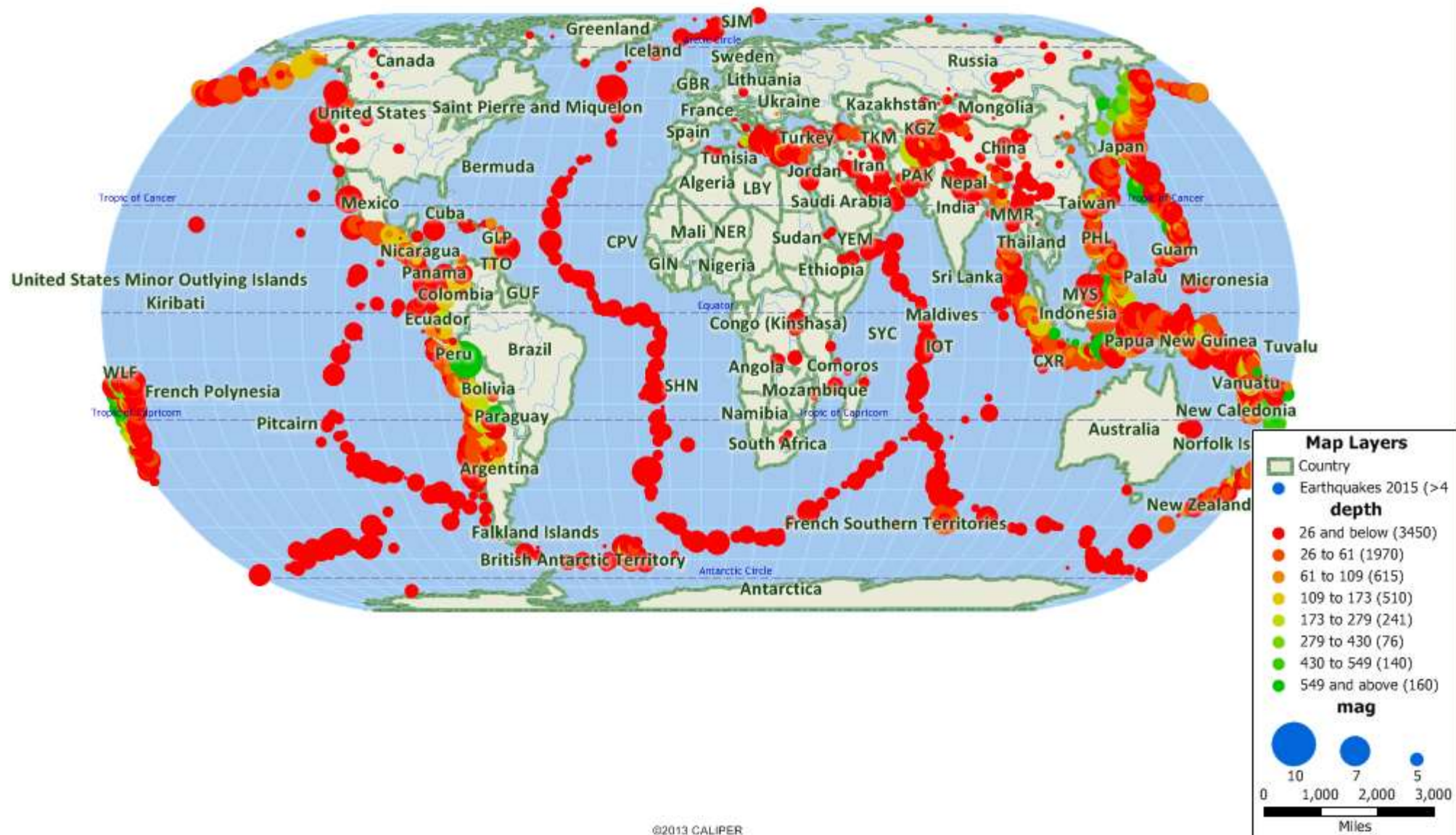
<https://www.youtube.com/watch?v=yBr-D1cFmEs>



First, copy and paste the link.

Next, watch.

Last, discuss.



Comparing Earthquakes

| <u>Mercalli Intensity</u> | Effect |
|---------------------------|---|
| I | Felt by no-one. |
| II | Felt by very few people. Hanging objects may swing. |
| III | Felt by many but they don't realise it is an earthquake. |
| IV | Felt indoors by most people. Vibrations similar to a lorry hitting a building. |
| V | Felt by nearly everyone. Sleeping people may be woken. Trees and telegraph poles sway. |
| VI | Felt by all. People run outside. Furniture moves. Slight damage to property. |
| VII | Felt by all. People run outside. Moderate damage to buildings |
| VIII | Specially designed buildings damaged, others collapse. |
| IX | All buildings damaged. Cracks appear in ground. |
| X | Many buildings destroyed. Ground is badly cracked. |
| XI | Almost all buildings destroyed. Wide cracks in the ground. Water, gas and electric out of action. |
| XII | Total destruction. Waves seen on the ground. |

How do earthquakes take place?



<https://www.youtube.com/watch?v=dJpIU1rSOFY>

How to stay safe



Learning Task

How to stay safe in an earthquake activities.



Today, we would like you to show us how to stay safe in an earthquake.

First - Read through today's slides and gather any other information you feel may be necessary.

Next - Create an earthquake safety poster, with a small explanation underneath of how to stay safe in an earthquake.

Last - can you create a one-minute T.V. advert telling your audience how to stay safe during an earthquake? Please send these in!

Ways to keep in touch and take part in learning:



- Please see the CAW Live Lessons tab on the school website to access this PowerPoint and your Learning Task.

- Remember you can email any home learning work to:

cawhomelearning@gmail.com



- Don't forget you can still use Purple Mash to stay in touch with your friends and teachers!



Any questions?



or

