

# Earthquakes

## Worksheet 1

1. What kind of natural disasters can you think of ? Are there any natural disasters in your country? Have there been any natural disasters in the news recently?
2. Have you heard the name the Ring of Fire ? What is it ? If not sure, go online, search it and mark on the contour map of the world.



How many percent of world's largest earthquakes occur in the Ring of Fire?

3. Now let's investigate the earthquakes a little bit more.
  - What is an earthquake?
  - What causes earthquakes ?
  - What is the definition of *hypocenter*, *epicenter*, *seismic waves* and *Richter scale*?
  - What is a fault?
  - What are plate tectonics?
  - Can the earthquake be predicted?
  - How are the earthquakes measured?
  - What should we do in case of an earthquake?

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4. Watch a film about earthquakes and why they are so scary:  
<http://www.youtube.com/watch?v=CtBXTvtFaCU>.
5. In 2010 there was an earthquake in Haiti and over 200,000 people lost their lives. Jay-Z, Rihanna and Bono from U2 recorded a song to raise awareness and collect funds to help to rebuild the country.

Go to <http://www.youtube.com/watch?v=4MkvIQCLEPo>, listen to the song and look at the lyrics.

#### Stranded

When the sky falls and the Earth quakes  
We gon put this back together  
We won't break

Sa Pa Sé, my Port-Au-Princes  
my Haitian Gods and all of my Princesses  
Our condolences as you fightin' against this  
we're right by your side as we tryin' to make sense of this  
heavenly father help us see through these problems  
and for those that left, accept them into your garden  
so here's my theory, the country's already starvin'  
so we sacrificed many to shed light on all of them  
God please pardon, I speak from the heart  
its the only way I see this tragedy befall on them  
so lets get involved with them, hand to hand with them  
arm to arm with them til they get strong again,  
When the sky falls...

Can't wait until tomorrow  
Haiti, Mon Amour  
Haiti, Mon Amour  
Not gonna leave you stranded, alone, alone  
oh no

Learn from the past, New Orleans was flooded  
So we know we just can't rely on the government  
We under the rubble again, here we go rumbling when

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When we gon catch a break, my friend lost his mother and then  
And then, Carline lost her uncles and them  
Buried with no caskets, they just put covers on them  
lyrics courtesy of killerhiphop.com  
And the tears fall, and we fight back  
Story ain't done, it can't end like that  
Nah not like this, tomorrow's survivors gonna carry on your name  
You live on inside us, your memory's alive with us  
You inspired us, to rebuild this country, you just guide us

It's not the angels that are on their way  
its not the bells of Santa Trinite  
the people waiting, position vacant  
for hands to help, not just to pray

Haïti va s'élever  
Tu vas te relever  
Nous nous éléverons  
Ensemble ensemble ensemble

(not gonna leave you stranded...)

we gon put this back together we won't break x4

Link: <http://www.vagalume.com.br/jay-z/stranded-haiti-mon-amour-feat-rihanna-e-u2.html#ixzz37q6tvktf>

6. Look at the lyrics and underline all the words connected with the earthquake.