

8º ANO
INGLÊS
NATURAL DISASTERS

BEFORE READING

1. Relacione os desastres naturais às imagens abaixo.

- | | |
|----------------------|---------------|
| A. tsunami | G. famine |
| B. volcanic eruption | H. epidemic |
| C. drought | I. earthquake |
| D. flood | J. tornado |
| E. avalanche | K. landslide |
| F. bushfire | |



()



()



()



()



()



()



()



()



()



()



()

2. Identifique as descrições abaixo usando os nomes dos desastres naturais questão 1

_____ : a prolonged period of abnormally low rainfall, leading to a shortage of water.

_____ : a violent destructive whirling wind accompanied by a funnel-shaped cloud over the land.

_____ : a n uncontrolled fire in a bush area.

_____ : an extreme scarcity of food.


- _____ : fire, gas and liquid rock that come out of a mountain with a hole at the top.
- _____ : a large mass of snow, ice, earth or rock in swift motion down a mountainside.
- _____ : an outbreak of disease that affects many individuals at the same time.
- _____ : a rapid downward movement of a mass of rock, earth, or artificial fill on a slope.
- _____ : a great sea wave produced especially by submarine earth movement.
- _____ : a large amount of water covering an area.
- _____ : a sudden and violent shaking of the ground, sometimes causing great destruction.

WHILE READING

Leia o texto abaixo.

TEXT 1

HOT TOPIC – CLIMATE CHANGE & SEA LEVEL RISE



Our climate is changing because as human beings we have increased the amount of certain gases, called greenhouse gases, in our atmosphere. We burn oil, coal and gas to produce energy for homes, factories and businesses and for our transportation needs. Burning these **fossil fuels** also produces greenhouse gases like Carbon Dioxide, Methane and Nitrous Oxide. Excess greenhouse gases in our atmosphere are trapping too much **heat** around the earth. This heat makes our earth warmer, like a **greenhouse**. This is what is known as global warming. It is this increase in temperature on **land** and sea over time which results in climate change. Sea Level Rise is one of the impacts of climate change.

Sea level rise refers to a gradual rise in the level of the surface of the sea with respect to the land. The rise in sea level is associated with two phenomena:

1. **Thermal Expansion** i.e. as ocean water gets warmer it expands and this contributes to rising sea levels.
2. **Ice Sheet, Ice Cap and Glacier Melt** i.e. warmer temperatures are causing the melting of glaciers and polar ice and this puts more water into the oceans.

- Over long periods sea level will rise causing progressive retreat that will require **mitigation** through sea-walls and **offshore breakers**
- Coastal aquifers which are a main source of water supply may become useless due to saline (salt water) intrusion
- Sea level rise will increase the impacts related to storm surge as waves are likely to be higher
- Wetlands are at risk of sea level rise that may affect vegetation changes and affect spawning fish stock which grown in **wetland areas**

TRENDS

Global sea level rise over the 20th century is estimated to have been 0.17- + 0.05m, similar to that of the Caribbean region. Further melting of polar ice caps and glaciers are expected to accelerate sea level rise.

It is estimated that future sea levels for Jamaica will increase under various scenarios by 2100 from a low of 0.18m to high of 0.59m and 1.4m. This will retard coastal development and influence displacement among population **settlements**.

3. Identifique os subtítulos que foram retirados do texto. Escreva-os nos lugares corretos.

A. IMPACTS

C. PROJECTIONS

B. SEA LEVEL RISE

D. WHAT IS CLIMATE CHANGE?

4. Observe as palavras em negrito no texto e associe-as às definições abaixo.

- a) Elevation of the ocean's surface. _____
- b) Combustible materials formed from animals and plants that lived thousands of years ago. _____
- c) A type of building, like a house, made of glass and used to grow plants. _____
- d) Construction that protect the beach from high waves. _____
- e) High temperature. _____
- f) The part of our planet that is not covered by water. _____
- g) The process of a solid becoming a liquid. _____
- h) The action of reducing the negative effects of something. _____
- i) Places where people live permanently. _____
- j) Areas of land covered by shallow water. _____

5. O texto abaixo foi extraído de um microblog, que é um tipo de rede social. Leia o texto, observe a imagem e responda em inglês as questões que seguem.

TEXTO 2



Alando N. Terrelonge
@terrelonge2016

Follow

To save the world for the next generation we must begin to educate our children about climate change, global warming, pollution... and their effects on the future of all life on our planet. Small island states like Jamaica won't survive if we dont.
#EarthDay #EndPlasticPollution



ALANDO N. Terrelonge. (@terrelonge2016). To save the world for the next generation... Twitter. 22 abr. 2018.
Disponível em: <<https://twitter.com/terrelonge2016/status/988115803009634304>>. Acesso em: 12 jul. 2018.

a) What environmental problems are mentioned?

b) Which of the problems is represented in the image?

c) What is the proposed solution?

AFTER READING

6. Complete os fragmentos de notícias com os nomes dos desastres naturais da caixa abaixo.

flood - tsunami - bushfire - drought - earthquake - volcano

- a) "The recent devastating _____ have injured so many animals, and the existing clinics close to the fires are working overtime to save them."
(13 February 2009)

Available at: < <http://tizona.wordpress.com/2009/02/13/how-to-help-animal-edition-australian-bushfires-2009/> > .
Accessed on: July 11, 2011.

- b) "The _____ has erupted for the second time in less than a month [...]. The volcanic ash has forced the cancellation of many flights." (15 April 2010)

Available at: < www.boston.com/bigpicture/2010/04/icelands_disruptive_volcano.html > . Accessed on: July 11, 2010.

- c) "The worst _____ in Pakistan's history have affected 14 million people, with floodwater reaching Sindh province, officials say." (6 August 2010)

Available at: < www.bbc.co.uk/news/world-south-asia-10896849 > .
Accessed on: July 11, 2011.

- d) "A severe _____ has dropped water levels on a major Amazon tributary to their lowest point since officials began keeping records." (25 October 2010)

Available at: < www.bostonherald.com/news/international/americas/view/20101025drought_has_amazon_tributary_at_record_low_levels/ > . Accessed on: July 11, 2011.

- e) "A three-metre-high _____ wave has hit a boat carrying Australian tourists off the Indonesian island of Pagai after a major 7.5-magnitude earthquake struck the archipelago." (25 October 2010)

Available at: < <http://surf.transworld.net/1000117561/news/macaronis-hit-by-tsunami/> > . Accessed on: July 11, 2011.

- f) "A 6.3 _____ has just struck the city of Christchurch, New Zealand, killing dozens and leaving dozens more buried in rubble with rescue workers trying to dig them out." (22 February 2011)

Available at: < http://scienceblogs.com/gregladen/2011/02/why_does_new_zealand_have_so_m.php > . Accessed on: July 11, 2011.