Weather and Climate

Mastery 1 – Unit 13

Listening – Page 98

Language Center

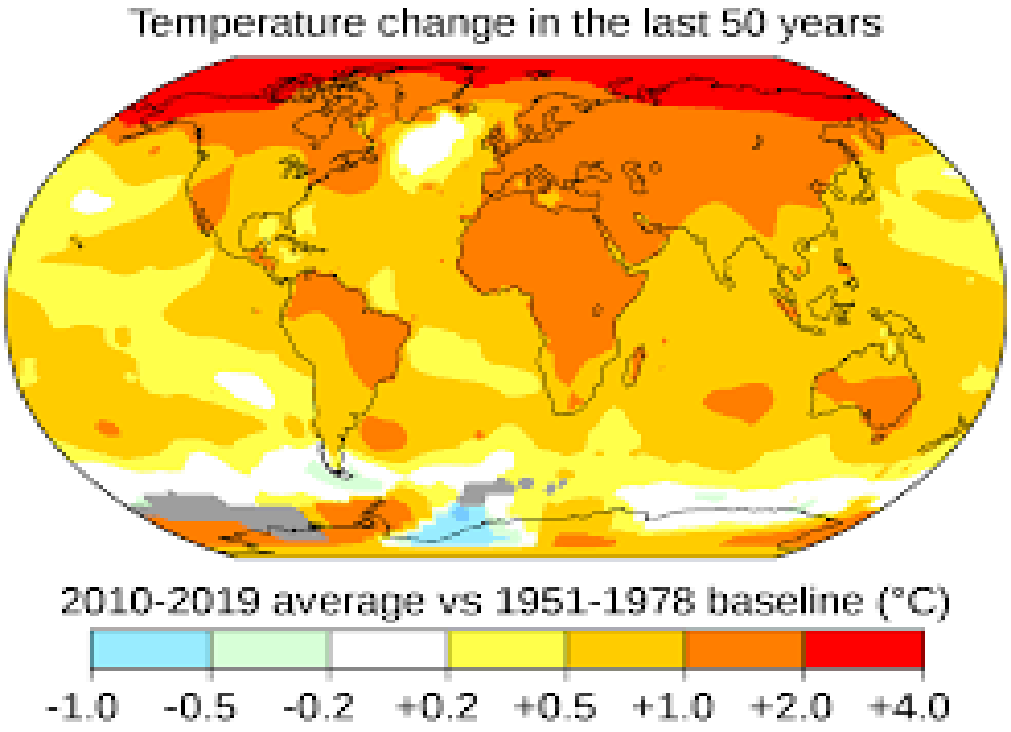
1 Look at the pictures. What do they show? Discuss with a partner.







Language Center



Global Warming

(a gradual increase in the overall temperature of the earth's atmosphere)

Greenhouse Gases

(Greenhouse gases are gases in Earth's atmosphere that trap heat. They let sunlight pass through the atmosphere, but they prevent the heat that the sunlight brings from leaving the atmosphere. The main greenhouse gases are: Water vapor. Carbon dioxide.)





/draʊt/
Drought

Language Center



/flʌd/

Flood

Language Center



Rise in temperature

Rise in sea level



Language Center



Melting ice



Damage to crops

Workbook Page W71 Part 6

6 Complete the text with the words in the box.

atmosphere climate crops droughts
floods global greenhouse
sea levels temperature

How the world's climate is changing:

- The **1** temperature is rising all the time, and the Earth is becoming hotter.
- Melting ice causes a rise in **2** _____.
- **3** _____ gases in the world's **4** _____ lead to **5** _____ warming.
- Long periods without rain are called **6** _____. They can cause damage to **7** _____
- On the other hand, **8** _____ change is also causing more **9** _____. Rivers and dams become too full and overflow, destroying everything with the force of the water.

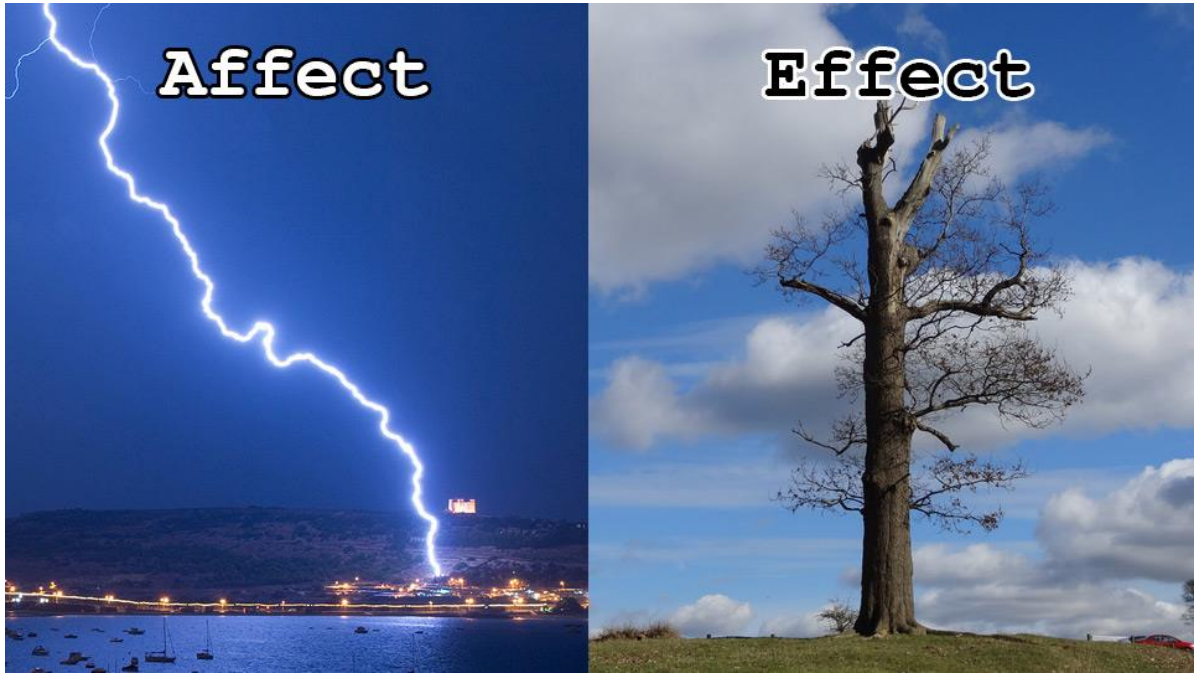
Language Center

VOCABULARY: Climate change

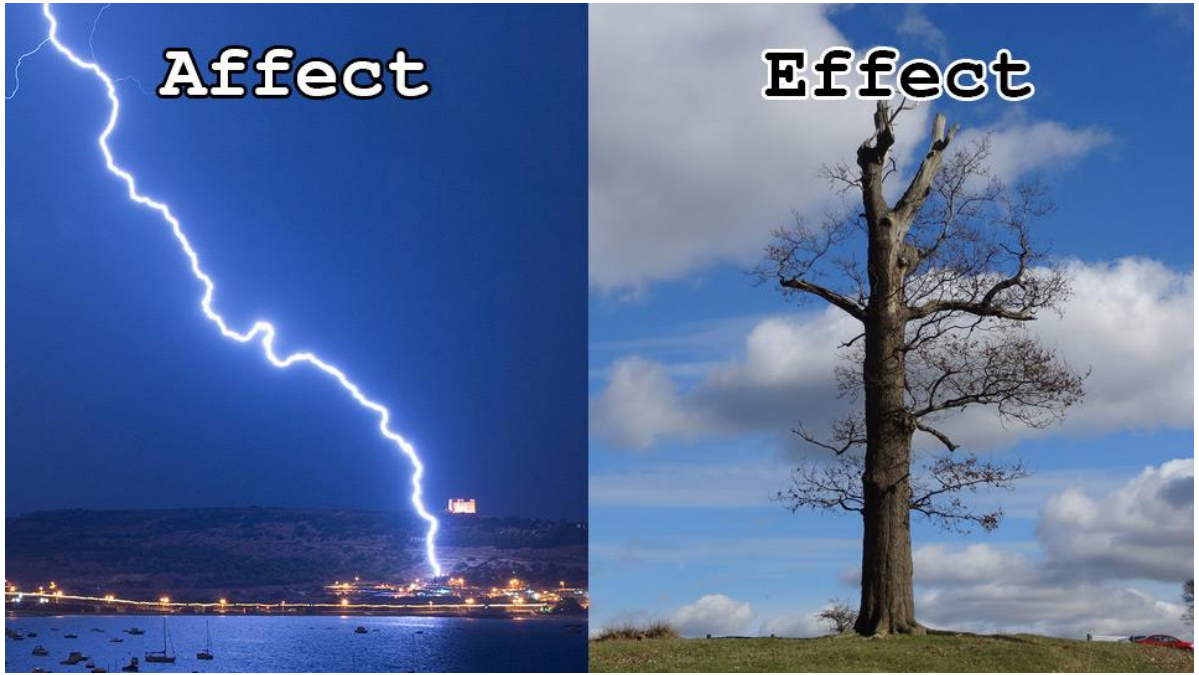
2 Which of these words and phrases are related to climate change?

global warming greenhouse gases drought flood
rise in temperature rise in sea levels melting ice
damage to crops atmosphere

Language Center



/əˈfɛkt/



Affect

(Influence, act on, overwhelm, damage)

The weather began to affect his health.

Language Center



/əˈdapt/



Adapt

(Change, alter, modify, adjust)

Large organizations can be slow to adapt to changes.

Language Center



/səˈraʊnd/



Surround

(Around, encircle, ring, go around, enclose)

The soldiers surrounded the king while he was talking.

Language Center



/ˈblaŋkɪt/



Blanket

(Cover, coat, overlay)

The park was blanket with snow.

Language Center



/stɑ:v/



Starve

(Very hungry)

I don’t know about you but I am starving.

Language Center



/dɪˈstrʌkʃ(ə)n/



Destruction

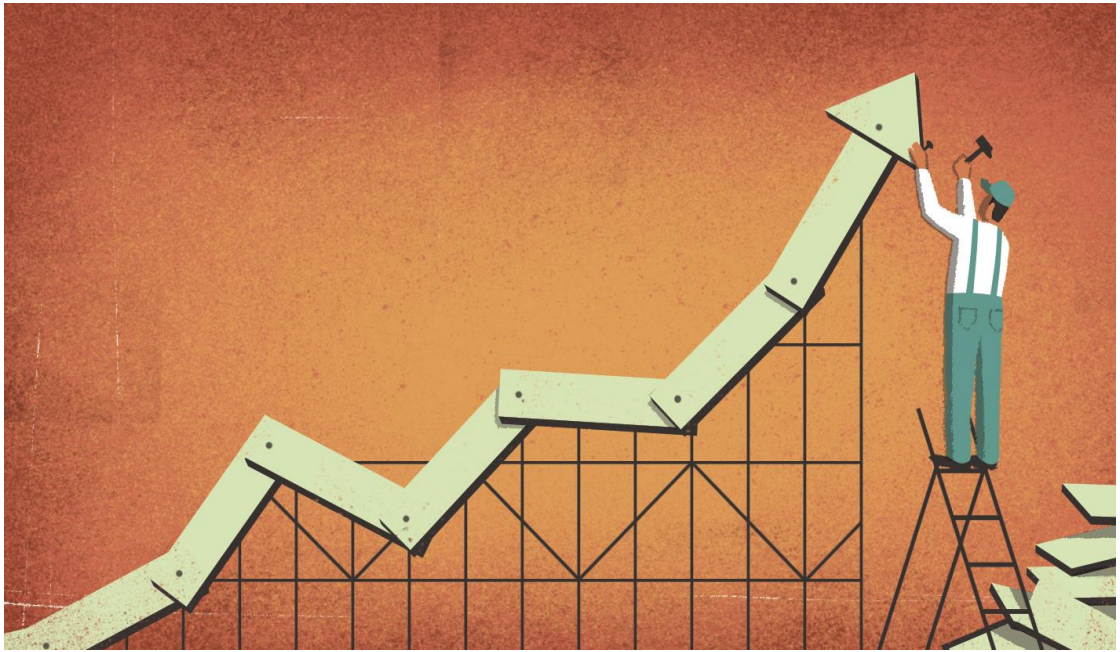
(Demolish, knock down, eliminate)

Destruction of the city was because of the war.

Language Center



/ˈbɪldʌp/



Build-up

(Increase, growth, spread)

He has built-up his wealth from nothing.

Language Center

Complete the sentences with the given words.

built-up – affect – blanket – Destruction – adapt – surrounded - starving

- The weather began to …… his health.
- Large organizations can be slow to …… to changes.
- The soldiers …… the king while he was talking.
- The park was …… with snow.
- I don’t know about you but I am …… .
- …… of the city was because of the war.
- He has …… his wealth from nothing.

Listening

LISTENING

3 13.2 Listen to a radio show about weather and climate. What is the difference between the two terms?

COMPREHENSION

4 13.2 Listen again and answer the questions.

1 Why do polar bears have thick fur? to protect them from the cold
2 What is described as a "giant blanket of air"?
3 What happens to crops when there is a drought?
4 Is there just one climate in the world?
5 What causes global warming?
6 What do you think will happen to the world's climates in the future?

Summary

- Listen to the radio show again. Take notes and tell the summary to your friend using the words in Exercise 2.

Speaking

- Based on the listening, do you think it is easy to live somewhere cold or somewhere hot? How do you think the weather effects this situation?

Speaking

The reduction of pollutants in the air is a problem that many urban leaders in business and politics are trying to solve.

Discuss how each of the topics below can assist us in the fight to preserve the environment.

bio products

renewable energy

recycling

green cars

Homework

6 What's the climate like where you live? How does it affect life in your country? Think about these things:

- the food you eat
- the clothes you wear
- the building that you live in

Write down your ideas and discuss them with your partner.

In my country, we have a desert climate. In the summer ...