



إدارة المناهج والكتب المدرسية

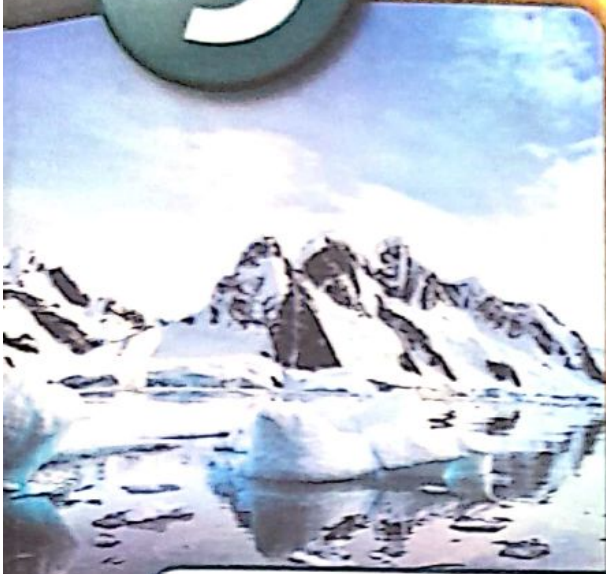
# Action Pack 10

Tenth Grade  
Student's Book



Edwina Johnson

What is happening in this photograph?



What type of climate is it in this picture? What other types of climate are there?

# Climate and Earth



What do you think this picture represents?

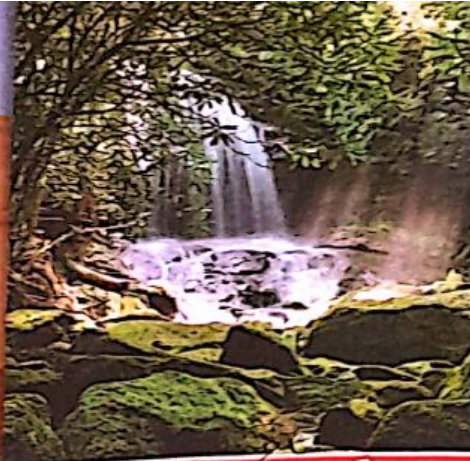
## Outcomes

- To read about climates, global warming, climate change and volcanoes
- To listen to a radio programme about the weather and climate, and a news report about the Sahara Desert
- To use vocabulary related to climates and climate change, global warming, Earth, adjectives and volcanoes
- To talk about definitions, the climate, the weather, a drought in Australia and climate change
- To recite a poem in English
- To use defining and non-defining relative clauses
- To write about a radio programme, a drought in Australia, a town, causes of climate change and a volcanic eruption

## Project

Write a report about climate change.

# Unit 7



## Weather and climate

### Grammar

defining relative clauses

#### BEFORE YOU BEGIN

1 What is the climate like at the North and South Poles? What is it like on the Equator? Why do you think these places have different climates?

2 Read the words in the box. Where in the world can you experience these types of climates? Check the meaning of any words you don't know in the Activity Book Glossary or in a dictionary.

**polar tundra mountain temperate desert monsoon tropical**

3 Read and listen to the article about different climates. Which climate do you live in? How has pollution affected it?

### One world, many climates

Climates vary hugely in different parts of the world. They determine what an area is like, and they affect the people who inhabit the region as well as the plants and animals that live there. There are eight main types of climate:

1 **Polar** areas are very cold, with strong, dry winds. The temperature in summer is never higher than ten degrees centigrade, and ice and snow cover the ground.

2 Areas that have a **tundra** climate include Russia and North America. They are usually cold, with very short summers. There is very little rain. This means that not many trees can grow.

In **mountain** areas, the height of the mountains determines the climate.

Areas that have a **cool temperate** climate include Northern Europe and the USA. There is rain almost

all year. The summers are usually warm, and the winters are not very cold.

5 Places that have a **warm temperate** climate, such as Southern Europe, southern parts of the USA and South America, have hot, dry summers. Winters are not usually cold.

6 Areas where there is less than twenty-five centimetres of rain each year have **desert** climates. North Africa and central Australia are examples. During the day is very hot, but at night it becomes very cold.

7 In India and South-East Asia, there is a **monsoon** climate, so the weather changes suddenly. Months of heavy rain follow months of dry weather.

8 Places where there is a **tropical** climate are near the Equator. It is always hot and wet in these areas, and rainforests grow there.

الطقس  
في اليوم

tropical  
غابات المطر

التراخي فترات

قطبي

differ  
يختلف

الموسم

روسيا

قطر

الجزيرة

مناطق القارة الاستوائية