

For Advanced Kids Learners

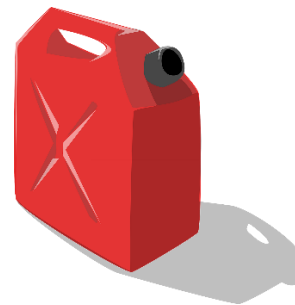
Book 2

Time to Talk

Lesson 24 Learning About Global Warming



- Match and tell.



To recycle

Not to recycle

- **Read and learn**

Learning About Global Warming

Global warming is a big, serious problem. You might also have heard about the greenhouse effect and climate change. These three **terms** are used to describe the same problem but they are different.

Global Warming: The Earth is getting warmer every year. The temperature **has risen** by about 2 degrees **since** the late 19th **century**. This global warming is making the ocean really warm. Sea ice is melting and sea levels have risen more than 16 centimeters in the last 100 years. Scientists say that all sea ice will melt by 2050.

term

a word or expression with a specific meaning

century = 100 years



- **Read and learn**

The greenhouse effect: It is the cause of global warming. Burning fossil fuels like **coal** and oil produces **carbon dioxide**. This gas, **along with** some others, had made the Earth feel like a greenhouse. They keep the heat in the atmosphere!

Climate change: Global warming leads to the change of climate. In some places, global warming brings about too much rain. In other places, it means heavy **snowstorms** and extremely cold winter.

coal

a hard black substance that is found in the earth and burned as fuel

along with

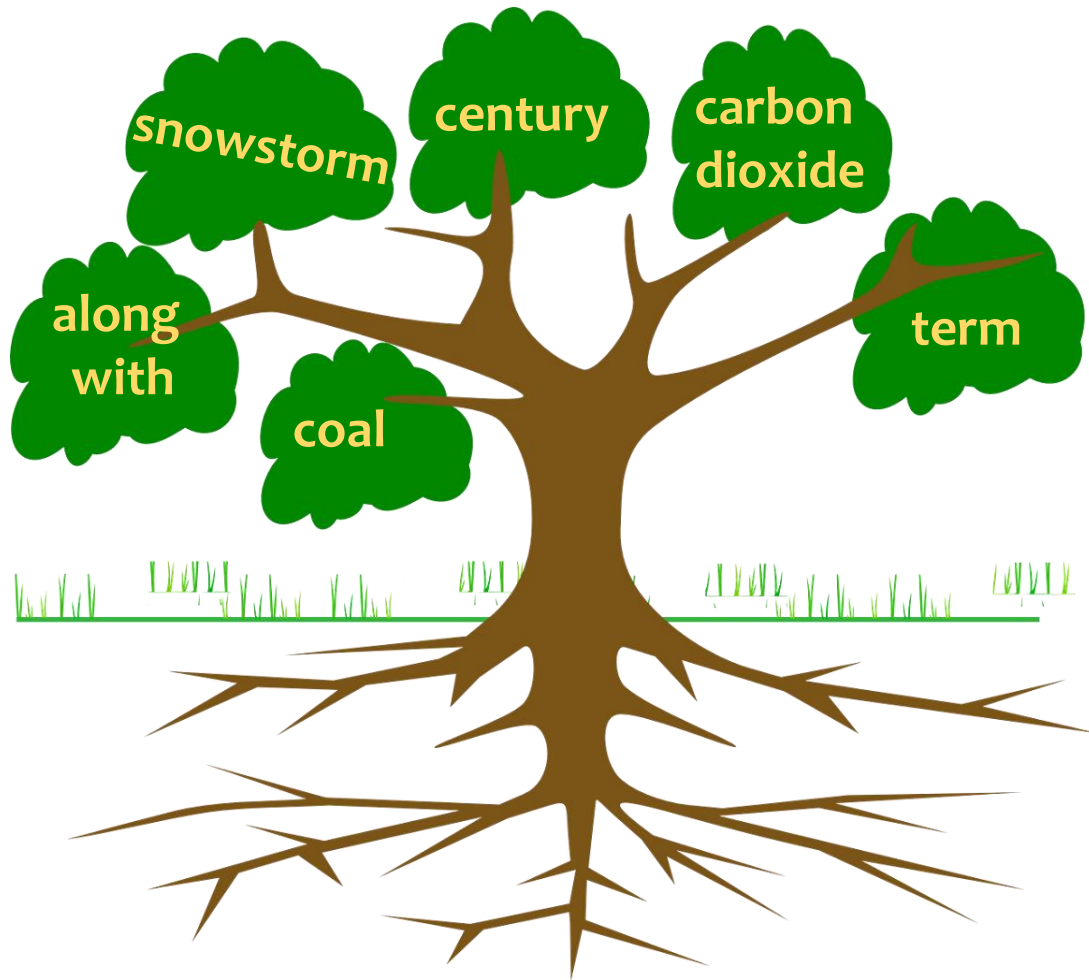
= together with other people or things

**carbon dioxide**

the gas produced when something is burned

**snowstorm**

- **Fill in the blanks.**



1. Some people use _____ when cooking.
2. The smoke that comes out from the fire is called _____.
3. The _____ global warming describes the very warm temperature of the Earth.
4. It takes more than a _____ to break down plastics.
5. It would be too dangerous to go out during _____.
6. I cleaned the river _____ my neighbors.

- Grammar



Present Perfect + (not) + since

To talk about the time when the action started

Examples

- The temperature **has risen since** the late 19th century.
- She **hasn't eaten since** 3 o'clock.

+ Complete the sentences using “**have/has +(not)+ since**”

1. I _____ (live) here since _____.

2. I _____ (study) English since _____.



1. Match the terms with their definitions.

Greenhouse Effect

rising temperature

Global Warming

keeping the heat

Climate Change

extremely cold or hot

2. What are the relationships among them? (cause, process, result.)