

Task 1: The Carbon Cycle

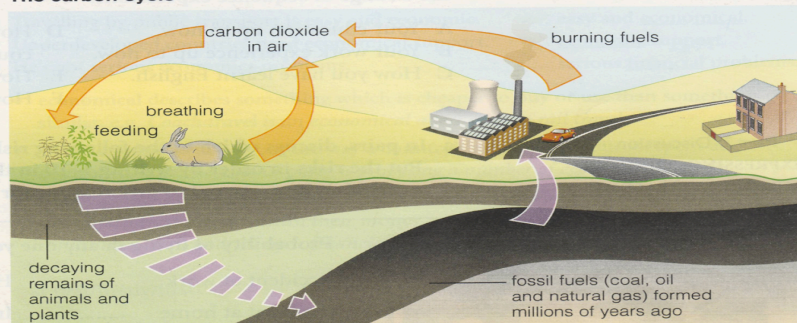
Write a short description of the carbon cycle using the diagram and notes below.

GUIDED WRITING TASK

7 Write a short description of the carbon cycle using the diagram and notes below. Try to include several of the sequence expressions on page 84.

Begin: Carbon is used repeatedly in a process called the carbon cycle.

The carbon cycle



WRITING PRACTICE
Describing a process (gapped model answer)
► ex. 4, p. 210

Plants take in ...
Animals then ...
When plants and animals die ...

Over millions of years...
Eventually, ...

EXAM PRACTICE

8 Now complete the following exam task.

You should spend about 20 minutes on this task.

The following diagram shows how pencils are manufactured.

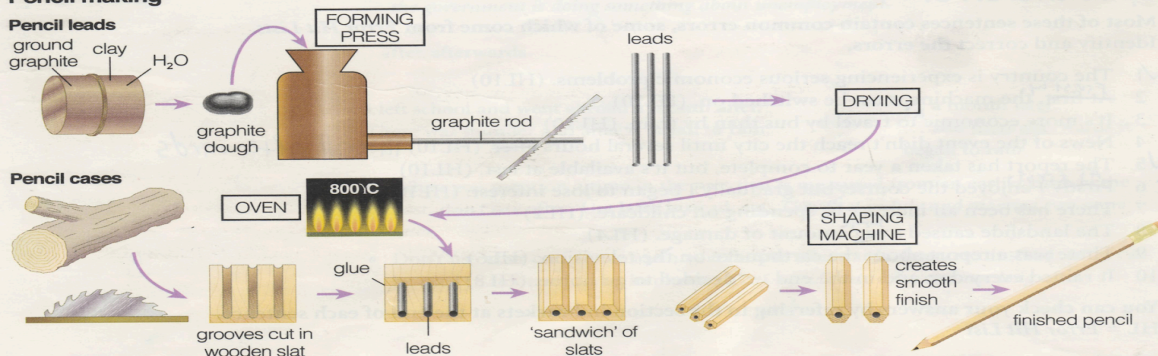
Write a report for a university lecturer describing the information shown below.

Write at least 150 words.

Pencil making

Pencil leads
ground graphite
clay
 H_2O

Pencil cases



Cut up strips and shuffle and have students re-arrange them in order in groups

The diagram shows how both human activity and nature are parts of the carbon cycle.

Mining companies dig up fossil fuels.

After processing, these energy sources are ready for use in factories, cars and houses.

Factories need a large quantity of electricity to power their machines.

They burn fossil fuels in order to generate this power.

During this process, the factories release carbon dioxide into the atmosphere.

This gas is also emitted when people drive their cars or use electrical appliances such as refrigerators and air-conditioners at home.

Plants take in carbon dioxide from the air through their leaves.

Animals then feed on plants and absorb carbon dioxide, which they subsequently exhale.

When plants and animals die, their remains go into the ground and decay.

Over millions of years, these remains turn into fossil fuels such as coal, oil and natural gas, which are then used to create energy.

In conclusion, the carbon cycle is a long process involving humankind and nature.

Task 1: **The Carbon Cycle**

<u>Paragraph 1:</u> <i>human activity // nature</i> <u>Paragraph 2:</u> <i>human activity</i> <u>Paragraph 3:</u> <i>nature</i> <u>Conclusion</u> <i>human activity // nature</i>	Your teacher will give you the sentences to re-arrange into an essay. Try to follow the 4 paragraph structure listed on the left.
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Answers:

Task 1:

The Carbon Cycle

Hazard warning 10

GUIDED WRITING TASK

7 Write a short description of the carbon cycle using the diagram and notes below. Try to include several of the sequence expressions on page 84.
Begin: Carbon is used repeatedly in a process called the carbon cycle.

The carbon cycle

carbon dioxide in air
breathing
feeding
decaying remains of animals and plants
burning fuels
fossil fuels (coal, oil and natural gas) formed millions of years ago
Over millions of years... Eventually, ...

Plants take in ...
Animals then ...
When plants and animals die ...

WRITING PRACTICE
Describing a process (gapped model answer)
ex. 4, p. 210

EXAM PRACTICE

8 Now complete the following exam task.

You should spend about 20 minutes on this task.
The following diagram shows how pencils are manufactured.
Write a report for a university lecturer describing the information shown below.
Write at least 150 words.

Pencil making

Pencil leads: ground graphite, clay, H₂O → graphite dough → FORMING PRESS → graphite rod → leads → DRYING → SHAPING MACHINE → creates smooth finish → finished pencil

Pencil cases: wood → grooves cut in wooden slat → glue → leads → 'sandwich' of slats → SHAPING MACHINE → creates smooth finish → finished pencil

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Paragraph 1:
human activity //
nature

The diagram shows how both human activity and nature are parts of the carbon cycle.

Paragraph 2:
human activity

Mining companies dig up fossil fuels. After processing, these energy sources are ready for use in factories, cars and houses. Factories need a large quantity of electricity to power their machines. They burn fossil fuels in order to generate this power. During this process, the factories release carbon dioxide into the atmosphere. This gas is also emitted when people drive their cars or use electrical appliances such as refrigerators and air-conditioners at home.

Paragraph 3:
nature

Plants take in carbon dioxide from the air through their leaves. Animals then feed on plants and absorb carbon dioxide, which they subsequently exhale. When plants and animals die, their remains go into the ground and decay. Over millions of years, these remains turn into fossil fuels such as coal, oil and natural gas, which are then used to create energy.

Conclusion
human activity //
nature

In conclusion, the carbon cycle is a long process involving humankind and nature.

Word Count: 162

Scrambled order

They burn fossil fuels in order to generate this power.

Mining companies dig up fossil fuels.

Factories need a large quantity of electricity to power their machines.

Plants take in carbon dioxide from the air through their leaves.

During this process, the factories release carbon dioxide into the atmosphere.

This gas is also emitted when people drive their cars or use electrical appliances such as refrigerators and air-conditioners at home.

When plants and animals die, their remains go into the ground and decay.

Animals then feed on plants and absorb carbon dioxide, which they subsequently exhale.

After processing, these energy sources are ready for use in factories, cars and houses.

Over millions of years, these remains turn into fossil fuels such as coal, oil and natural gas, which are then used to create energy.

The diagram shows how both human activity and nature are parts of the carbon cycle.

In conclusion, the carbon cycle is a long process involving humankind and nature.