

CONTROL U.4

ENERGY

ALUMNO/A:

1 Complete the sentence about energy.

Energy is the capacity to producein matter.

2 Read the statements and write T (true) or F (false).

- Moving objects have mechanical energy.
- Some substances, such as uranium and plutonium, contain nuclear energy.
- Chemical energy flows through cables and makes electrical devices work.
- Plants use thermal energy to carry out photosynthesis.
- Food, fuels, cells and batteries store chemical energy.

3 Read the text about energy sources and circle the correct words.

Energy sources are the resources that we use to produce **electricity/station**.

Renewable/Non-renewable energy sources quickly replenish themselves.

They include the Sun, flowing **food/water**, wind, the internal **gas/heat** of the Earth and biomass.

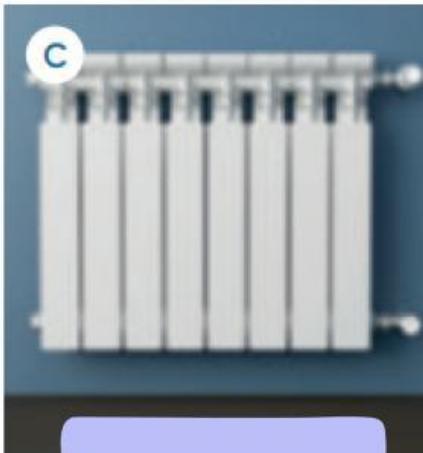
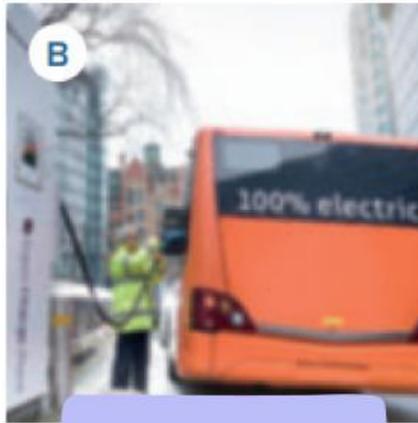
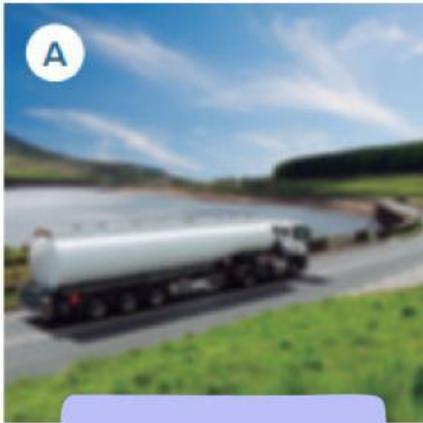
Renewable/Non-renewable energy sources are used faster than they replenish themselves. They include fossil fuels, such as **coal/biomass**, and nuclear fuels, such as **uranium/wind**.

4 Match the electrical devices that transform electricity with the effects.

| | | | |
|---------|---|---|-------------------|
| blender | • | • | heat effect |
| toaster | • | • | light effect |
| battery | • | • | mechanical effect |
| bulb | • | • | chemical effect |

5 List the properties of energy.

6 **WRITE** the properties of energy you can see in the photos.



7 **WRITE** the form of energy that each sentence describes.

- It is energy in moving objects, such as a car.
- It is energy that food, fuels and batteries store.
- It is energy that allows us to see.
- It is energy that makes many devices work.
- It is energy that passes from a hot object to a cold object.

Unit 4. We use energy wisely

6. Moving bodies have...

- mechanical energy.
- chemical energy.
- light energy.

7. When we turn on a lamp, electrical energy is transformed into...

- mechanical energy.
- chemical energy.
- light energy.

8. Solar panels use...

- chemical energy.
- wind energy.
- light energy.

9. A non-renewable source of energy is...

- coal.
- wind.
- sunlight.