

CONTROL U.4

ENERGY

ALUMNO/A:

1 Complete the sentence about energy.

Energy is the capacity to produce in 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.

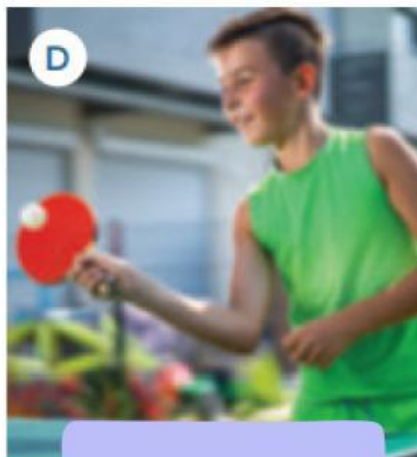
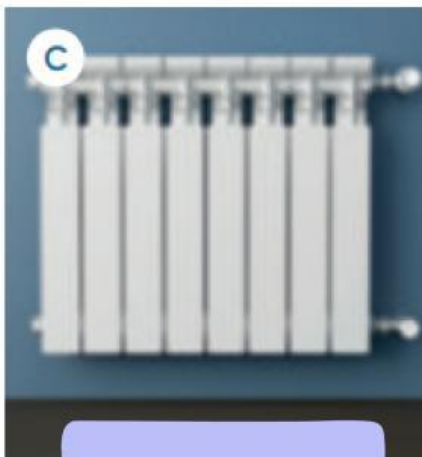
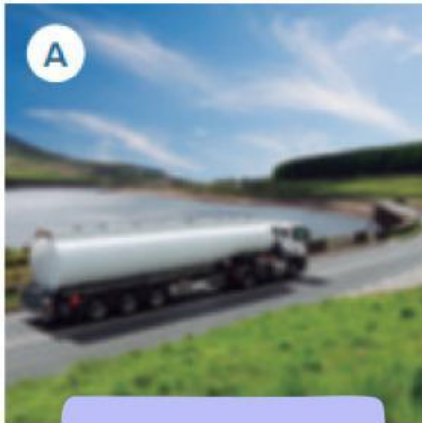
blender	•	•	heat effect
toaster	•	•	light effect
battery	•	•	mechanical effect
bulb	•	•	chemical effect

5 List the properties of energy.

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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.