

FORMS OF ENERGY

Watch the video below. Then, click on the right answer for each question.



1. What is energy?

- a. The ability to produce changes.
- b. The ability to move objects.
- c. The ability to create electricity.

2. Where is chemical energy stored?

- a. In metal cables.
- b. In the atomic structure of matter.
- c. In substances such as food or batteries.

3. How does a mobile phone transform energy?

- a. It converts electrical energy into chemical energy.
- b. It converts chemical energy into electrical energy.
- c. It converts thermal energy into electrical energy.

4. What is radiant energy?

- a. The energy produced by motion.
- b. The energy related to the movement of atoms.
- c. The energy in the form of electromagnetic waves.

5. How do we use light energy?

- a. To heat food and buildings.
- b. To generate electricity.
- c. In flashlights, cameras, computers, etc.

6. How are sounds produced?

- a. By vibrations travelling through air, liquid, or solid objects.
- b. By the movement of charged particles.
- c. By breaking down the atoms of radioactive materials.

7. What is mechanical energy?

- a. The energy produced by motion.
- b. The energy in the form of electromagnetic waves.
- c. The energy related to the movement of atoms.

8. What is kinetic energy?

- a. The energy that results from the position of an object.
- b. The energy that results from the movement of an object.
- c. The energy stored in some substances such as food or batteries.

9. What is potential energy?

- a. The energy that results from the position of an object.
- b. The energy that results from the movement of an object.
- c. The energy produced by motion.

10. Which form of energy is related to the movement of atoms?

- a. Chemical energy.
- b. Electrical energy.
- c. Thermal energy.