

1. Write the form of energy:

Mechanical energy	Chemical energy	Electrical energy
Light energy	Sound energy	Thermal energy

**2. Classify the forms of energy.**

Trumpet radiator sunlight dog barking torch

Smartphone computer boiling water

LIGHT ENERGY	THERMAL ENERGY	SOUND ENERGY	ELECTRICAL ENERGY

3. Choose the correct options.

MECHANICAL / KINETIC energy is produced by movement. The LIGHTER / HEAVIER an object is and the faster it moves the more kinetic energy it has got. Flowing water has got KINETIC / MECHANICAL energy.

KINETIC / MECHANICAL energy is the sum of potential and kinetic energy that is used to do work.

4. Match to make true sentences.

When wood burns, chemical energy is transformed into light and thermal energy.

A toaster transforms potential energy is transformed into kinetic energy.

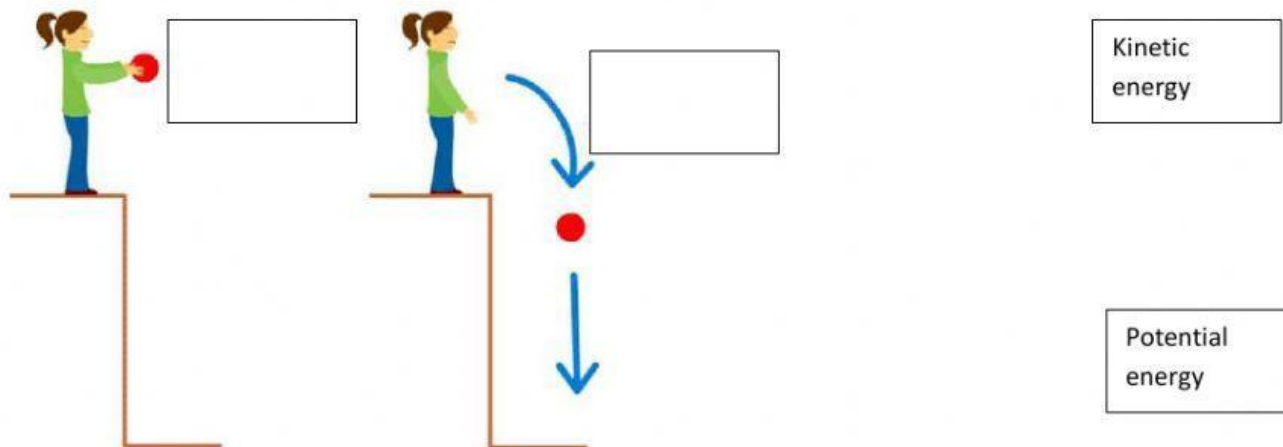
When you step off a diving board electrical energy into thermal energy.

5. Choose the correct answer

How is kinetic energy different from potential energy?

- a) kinetic energy is stored in objects and potential energy is produced by movement
- b) kinetic and potential energy are the same
- c) kinetic energy is produced by movement and potential energy is stored in objects

6. Put the names on the right place



7. Complete the sentences

Destroyed	Chemical	Transformation
Electrical	Created	Thermal
Light	Thermal	

Energy cannot be _____ or _____.

Energy changes from one form to another. This is called energy _____.

An example of energy transformation is when a toaster transform _____ energy into _____ energy.

Another example is when wood burns, _____ energy is transformed into _____ and _____ energy.

8. Match words from each of the three categories

Solar	wind	light
Wind	heat from Earth's core	thermal
Geothermal	the sun	mechanical
Hydropower	organic material	mechanical
Biomass	moving water	thermal

9. Join:

Energy is limited

non-renewable

Energy is non limited

renewable

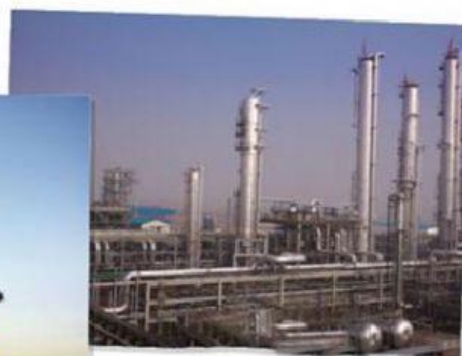
10. Label the images with the types of renewable energy.

BIOMASS	HYDROPOWER	WIND ENERGY	GEOTHERMAL ENERGY	SOLAR ENERGY
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11. Label the three non-renewable energy sources.

Natural gas	Oil	coal
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12. Complete the text.

ACID	AIR	PLANTS	WARMING	FOSSIL
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The burning of _____ fuels contributes to global _____
and causes _____ pollution. The pollution from power _____
and factories rises into the atmosphere and falls as _____ rain.