

# Energy and Its Properties

## Activity 1: Drag and Drop

Drag each type of energy into the correct sentence.

Stored	Chemical	Light	Transported	Transformed
--------	----------	-------	-------------	-------------

\_\_\_\_\_ energy comes from food and batteries.

\_\_\_\_\_ energy moves from one place to another through pipes.

\_\_\_\_\_ energy can be kept for later use.

\_\_\_\_\_ energy changes from electricity to mechanical movement.

\_\_\_\_\_ energy is found in the Sun and used by plants.

## Activity 2: Match

Match each type of energy with its correct example.

Energy type		Example
Mechanical energy		Hot cup of tea
Thermal energy		Uranium
Electrical energy		Sunlight for photosynthesis
Nuclear energy		Spinning top
Light energy		Charging a mobile phone

### Activity 3: Multiple Choice

Choose the correct answer.

1. Which energy comes from the Sun?

Mechanical

Light

Nuclear

Chemical

2. How do batteries store energy?

Transferring energy

Transporting energy

Storing energy

Transforming energy

3. Electrical energy transforms into \_\_\_\_\_ energy in a fan.

Mechanical

Thermal

Chemical

Nuclear

4. Gas pipes are used to \_\_\_\_\_ energy.

Transfer

Transport

Transform

Store

## Activity 4: True or False

Write T (true) or F (false) next to each sentence.

- ( ) Energy can be stored in batteries.
- ( ) Mechanical energy is found in sunlight.
- ( ) Nuclear energy can be found in uranium.
- ( ) Energy cannot change from one type to another.
- ( ) Thermal energy is measured by temperature.

## Activity 5: Complete the Sentence

Write the missing words to complete the sentences.

1. Energy that moves from one object to another is called \_\_\_\_\_ energy.
2. \_\_\_\_\_ energy is found inside all bodies and is measured by temperature.
3. Plants use \_\_\_\_\_ energy from the Sun to grow.
4. Batteries keep energy \_\_\_\_\_ until it is needed.
5. Electrical energy flowing through cables makes electronic \_\_\_\_\_ work.