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

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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

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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.

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