

# DAY 4: TYPES OF ENERGY

Watch the presentation "[Energy](#)" and complete the activities.

## 1. Match each term with the correct definition.

Thermal energy

Light energy

Chemical energy

Electrical energy

Kinetic energy

Sound energy

Energy stored in food and living things.

Energy that produces heat.

Energy that produces light.

Energy that an object possesses because of its motion.

Energy that produces sound.

Energy that comes from the flow of electric charge.

## 2. Choose the appropriate 'type of energy' in each picture.



Flashlight



TV



Radio



Fuel



Radiator



Ride a bike

**3. Watch the video '[How does energy convert?](#)' and answer the following questions about it.**

3.1. What **types of energy** does the Sun produce?

'Radiant energy' is formed by \_\_\_\_\_ and \_\_\_\_\_.

3.2. What **type of energy** does plants produce in photosynthesis?

Plants change 'radiant energy' from the Sun into \_\_\_\_\_.

3.3. When you eat a lettuce, what **type of energy** do you get?

The chemical energy from the lettuce changes into \_\_\_\_\_ inside your body.

3.4. When you ride a bike, what **type of energy** do you use?

The chemical energy from your body changes into \_\_\_\_\_ in your legs. Some of this energy changes into \_\_\_\_\_.

3.5. When you turn on the light, what **type of energy** do you use?

When you turn on the light, \_\_\_\_\_ from a generator changes into \_\_\_\_\_.

3.6. When you cook your dinner, what **type of energy** do you use?

The \_\_\_\_\_ from the generator changes into \_\_\_\_\_ to cook your food.

3.7. When you watched the video, what **type of energy** do you use?

When I watched the video, I used the \_\_\_\_\_ that I accumulated from everything I ate.

4. Write the 'type of energy' is transformed in these examples.



Batteries

\_\_\_\_\_

changes  
into



Flashlight

\_\_\_\_\_



Fuel

\_\_\_\_\_

changes  
into



Car

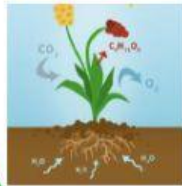
\_\_\_\_\_



Sunlight

\_\_\_\_\_

changes  
into



Plant

\_\_\_\_\_



Plug

\_\_\_\_\_

changes  
into



Toaster

\_\_\_\_\_



Food

\_\_\_\_\_

changes  
into



Dancing

\_\_\_\_\_



Stove

\_\_\_\_\_

changes  
into



Cooking

\_\_\_\_\_



Hand  
moving

\_\_\_\_\_

changes  
into



Play  
the violin

\_\_\_\_\_



Plug

\_\_\_\_\_

changes  
into



Washing  
machine

\_\_\_\_\_



Match

\_\_\_\_\_

changes  
into



Burning  
match

\_\_\_\_\_



Wind  
turbine

\_\_\_\_\_

changes  
into



Energy  
storage

\_\_\_\_\_