

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 _____		 Flashlight _____	 Fuel _____		 Car _____
 Sunlight _____		 Plant _____	 Plug _____		 Toaster _____
 Food _____		 Dancing _____	 Stove _____		 Cooking _____
 Hand moving _____		 Play the violin _____	 Plug _____		 Washing machine _____
 Match _____		 Burning match _____	 Wind turbine _____		 Energy storage _____