DAY 4: TYPES OF ENERGY

Watch the presentation "Energy" and complete the activities.

1. Match each term with the correct definition.

Thermal energy	Energy stored in food and living things.
Light energy	Energy that produces heat.
Chemical energy	Energy that produces light.
Electrical energy	Energy that an object possesses because of its motion.
Kinetic energy	Energy that produces sound.
Sound energy	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

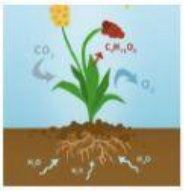


Car



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