

M the mechanical moves

E electricity shocks

L light waves helps us see

T and the thermal is hot





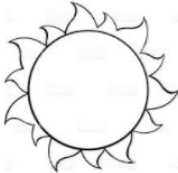
S sound comes from vibration

S solar come from the sun

This is our energy
rap to help us
remember. Practice
it!

**IT'S THE MELTS GET
SOME!**

Cut out the pieces and mix them up. See if you can match the correct word, definition, and picture.

| | | |
|-------------------|--|---|
| Mechanical Energy | Energy associated with motion |  |
| Thermal Energy | Energy associated with heat |  |
| Light Energy | Energy that we can see and that flows in waves |  |
| Sound Energy | Energy produced by vibration |  |
| Solar Energy | Energy from the Sun |  |



Sort the pictures based on the energy they are designed to produce.

| Sound | Thermal | Light | Mechanical | Other |
|-------|---------|-------|------------|-------|
| | | | | |

Sort the objects into the boxes based on the energy they are designed to **produce**.

Light



Thermal



Mechanical



Sound



Select all the things that primarily create mechanical energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil sharpener
- Candle
- Flashlight
- Cell phone
- Toaster
- Television
- Microwave



Select all the things that primarily create only light energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil sharpener
- Candle
- Flashlight
- Cell phone
- Toaster
- Television
- Microwave



Select all the things that primarily create light and sound energy

- Lightbulb
- Laptop
- Bicycle
- Pencil sharpener
- Candle
- Flashlight
- Cell phone
- Toaster
- Television
- Microwave



Select all the things that primarily create thermal energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil sharpener
- Candle
- Flashlight
- Cell phone
- Toaster
- Television
- Microwave



Some objects use one energy to produce other energies. Go through each object and identify which objects do this.

1. Place the picture of the object in the box
2. Think about which forms of energy are associated with the object.
3. Say, the object produces _____ energy.
4. Say, the object uses _____ energy to produce _____ energy.
5. Explain your answer to your partner and/or write it out in the spaces below.



Some objects use one energy to produce other energies. Go through each object and identify which objects do this.

1. Place the picture of the object in the box
2. Think about which forms of energy are associated with the object.
3. Say, the object produces _____ energy.
4. Say, the object uses _____ energy to produce _____ energy.
5. Explain your answer to your partner and/or write it out in the spaces below.



Some objects use one energy to produce other energies. Go through each object and identify which objects do this.

1. Place the picture of the object in the box
2. Think about which forms of energy are associated with the object.
3. Say, the object produces _____ energy.
4. Say, the object uses _____ energy to produce _____ energy.
5. Explain your answer to your partner and/or write it out in the spaces below.



Some objects use one energy to produce other energies. Go through each object and identify which objects do this.

1. Place the picture of the object in the box
2. Think about which forms of energy are associated with the object.
3. Say, the object produces _____ energy.
4. Say, the object uses _____ energy to produce _____ energy.
5. Explain your answer to your partner and/or write it out in the spaces below.



Select all the objects that **use** mechanical energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all the objects that **use** sound energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all the objects that **use** light energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all the objects that primarily **create** thermal energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all the things that primarily create mechanical energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all of the things that primarily create sound energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all of the things that primarily create light energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave

Select all of the things that primarily create light and sound energy.

- Lightbulb
- Laptop
- Bicycle
- Pencil Sharpener
- Candle
- Flashlight
- Cell Phone
- Toaster
- Television
- Microwave