

Q1

Station 1

This is energy produced by moving electrons-

- A) sound
- B) light
- C) electrical
- D) thermal

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Q2

Station 1

Which of the following is energy produced by vibrations?

- E) electrical
- F) sound
- G) thermal
- H) light

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Q3

Station 1

This type of energy is produced by moving particles and causes a transfer of heat between materials-

- J) electrical
- K) thermal
- L) light
- M) mechanical

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Q4

Station 1

Which of the following is the energy produced by a machine or moving part-

- N) light
- O) thermal
- P) sound
- Q) mechanical

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Q1

Station 2

What is the acronym for the five forms of energy?

- A) MENDS
- B) STEMS
- C) SLEMT
- D) MELTS

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Q2

Station 2

A light bulb uses electrical energy and to produce what two other types of energy?

- A) thermal and light
- B) mechanical and sound
- C) light and sound
- D) mechanical and light



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Q3

Station 2

Which form of energy allows you to see yourself in a mirror?

- A) light
- B) thermal
- C) electrical
- D) mechanical



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Q4

Station 2

What type of energy powers a television?

- A) sound
- B) thermal
- C) electrical
- D) mechanical



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Q1

Station 3

Todd used a hammer to attached two pieces of wood. Which form of energy did he use to hammer the nail?

- A) electrical
- B) mechanical
- C) sound
- D) thermal



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Q2

Station 3

What types of energy does an oven use to bake pizza?

- A) thermal and electrical
- B) thermal and mechanical
- C) light and electrical
- D) mechanical and electrical

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Q3

Station 3

Which of these uses mechanical energy?

- A) solar calculator
- B) flashlight
- C) candle
- D) pencil sharpener



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Q4

Station 3

Which form of energy is being used by the grill?

- A) thermal
- B) sound
- C) electrical
- D) light



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Q1

Station 4

Taryn made a list of things that use electrical energy around her house. Which object does not use electrical energy?

- A) microwave
- B) radio
- C) toaster
- D) trampoline

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Q2

Station 4

Marsha walks up and rings Sarah's doorbell. What type of energy is generated when Marsha pushes the doorbell and it rings?

- E) light
- F) sound
- G) thermal
- H) mechanical

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Q3

Station 4

Which two forms of energy could best be used to increase the temperature of a piece of copper?

- A) light and mechanical
- B) electrical and mechanical
- C) thermal and light
- D) thermal and sound

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Q4

Station 4

Which of these is an example of mechanical energy being used?

- E) the doorbell ringing
- F) watching tv
- G) riding a bike
- H) microwaving a piece of pizza

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Q1

Station 5

Which of the following does not give off light energy?

- A) the sun
- B) campfire
- C) television
- D) the moon

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Q2

Station 5

Certain singers can break glass with the power of their voice. In order for this to happen, a singer must make a sound that is-

- E) amplified with light energy
- F) sped up to the speed of light
- G) able to vibrate glass
- H) reflected off the glass

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Q3

Station 5

Which form of energy changes a liquid to a gas?

- J) thermal
- K) mechanical
- L) light
- M) sound



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Q4

Station 5

The table below shows different forms of energy and ways they are used. Which of the following would best complete the table?

- P) provide energy for dishwasher
- Q) using a hair dryer
- R) allows people to see reflection
- S) throwing a baseball

Type of Energy	Uses
Electrical	Powers our computers
Mechanical	Ceiling fans cool homes
Light	Lasers are used to scan barcodes
Sound	Communicating with people
Thermal	?

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