



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

- **Subject- Physical science** **Worksheet- 6** **Class – 7**
- **Date-17.04.2020** **1st Term**

Topic- Types of energy

- Question 1.

Q. Which type of energy is produced when the handle of a pencil sharpener turns?

answer choices

Light Energy

Magnetic Energy

Electrical Energy

Mechanical Energy

- Question 2

Q. Which of the following is NOT mechanical energy?

answer choices

Pedaling a bike

Rowing a boat

Turning on a light bulb

Running up a hill

- Question 3

Q. Heat is another name for-

answer choices

thermal energy

magnetic energy

electrical energy

mechanical energy

- Question 4

Q. What type of energy does an oven produce?

answer choices

light

heat

light and heat

none of the above

- Question 5

Q. All of the following are examples of things that produce light energy EXCEPT-

[answer choices](#)

Candle

Compass

Desk Lamp

Flashlight

- Question 6.

Q. Which of the following does NOT produce light energy?

[answer choices](#)

car

phone

picture frame

computer

- Question 7.

Q. How is light energy different than sound energy?

[answer choices](#)

Light energy moves slower.

Light energy is what you see and sound energy is what you hear.

Light energy uses vibrations and sound energy does not.

Light energy is in a cell phone and sound energy is not.

- Question 8.

Q. All of the following objects produce sound energy EXCEPT-

[answer choices](#)

A radio

A flashlight

A drum

A television

- Question 9.

Q. Sound is caused by?

answer choices

force

vibrations

instruments

air

- Question 10.

Q. What machine changes electrical energy into light and sound energy

answer choices

battery

lightbulb

alarm clock

apple

- Question 11.

Q. What object can change electrical energy into light energy?

answer choices

A candle

A fire

A lamp

A radio

- Question 12

Q. Light waves can travel through empty space (vacuum)

answer choices

True

False

- Question 13.

Q.
What form of energy is stored in matches or food?

answer choices

Sound

thermal energy or heat

chemical

nuclear

• Question 14

Q. Tarzan is swinging through the jungle looking for Jane. He is constantly moving back and forth..his kinetic energy is being changed to

answer choices

electrical

chemical

potenital

nuclear

• Question 15

Q. Energy is the ability to do _____.

answer choices

Nothing

Work

Energy

Change

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