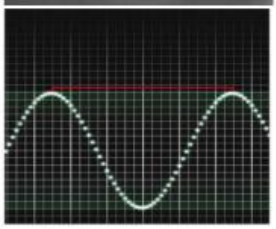
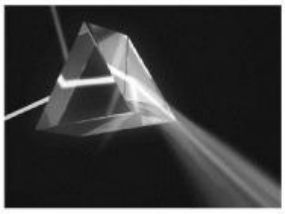
I. CHOOSE THE RIGHT OPTION.

1. ***Frequency/wavelength*** is the number of waves that pass a point in a certain amount of time.
2. ***Absorption /refraction*** occurs when an object takes in a light wave.
3. ***Prism/Rainbo***w is a piece of glass that separates white light into its different wavelengths.
4. ***Pitch/Frequency*** is how high or low a sound is.

II. MATCH THE PICTURES WITH THE WORDS: LIGHT ENERGY – WAVELENGTH - REFRACTION – SOUND ENERGY.





LIGHT ENERGY

WAVELENGTH

REFRACTION

SOUND ENERGY

III. CHOOSE TRUE OR FALSE.

1. Sound energy is formed by vibrating objects. TRUE - FALSE
2. Sound cannot travel through water. TRUE - FALSE
3. Sound cannot travel through an empty space. TRUE - FALSE

LIVEWORKSHEETS

IV. COMPLETE THE SENTENCES WITH THE CORRECT OPTION.

CONVECTION - RADIATION - CONDUCTION

Thermal energy is transferred in these examples:

1. :

2.

3.

LIVEWORKSHEETS

V. CHOOSE THE CORRECT OPTION.

A washing machine in an example of transforming:

1. Electricity into light.
2. Electricity into motion energy.
3. Motion energy into electric energy.
4. Heat into motion energy.

One example of a resistor is:

1. A power cord
2. A parallel circuit
3. A battery
4. A filament

One example of a good conductor is:

1. Rubber
2. Chalk
3. silver
4. Glass

The wires that allow a toaster to become hotter are called:

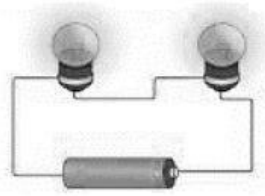
1. Plugs
2. Light bulbs
3. Insulators
4. Coils

VI. CHOOSE FOUR WORDS THAT INDICATE MOTION.

BOOK	TROLLEY	WINDOW
BALL	BOARD	BIKE
CART	CHAIR	ERASER

LIVEWORKSHEETS

VII. **MATCH EACH PICTURE WITH ITS NAME.**



A) Series Circuit

B) Bulb Filament

C) Electric Bulb

D) Resistor

VIII. WRITE *CONDUCTOR* OR *INSULATOR* ACCORDING TO THE EXAMPLE.

1. A metal ruler
2. A marker
3. The trunk of a tree
4. A silver coin

5. CHOOSE TWO PICTURES SHOWING MOTION.

LIVEWORKSHEETS