UNIT 6: ENERGY

Match:

Moving things have...	kinetic energy.
Electricity is...	thermal energy.
Any chemical change in matter has...	sound energy.
The Sun produces...	chemical energy.
Anything that is making noise has...	electrical energy.
Anything that is hot has...	light energy.

Click on the objects that use electrical energy.

LIVEWORKSHEETS

LIGHT ENERGY: TRUE or FALSE?

I ight is a form of energy that allows us to see objects.

○ True ○ False

Light travels very slowly and in all directions.

○ True ○ False

Light can't travel through transparent objects.

○ True ○ False

Some light can travel through translucent materials.

○ True ○ False

Light slows down and changes direction when it moves from air to water.

○ True ○ False

LIGHT or SOUND ENERGY?

It is a form of energy that allow us to see objects.

○ light energy ○ sound energy

It produces noise.

○ light energy ○ sound energy

Refraction is related to this energy.

○ light energy ○ sound energy

It comes from vibrations.

○ light energy ○ sound energy

This energy travels faster.

○ light energy ○ sound energy

LIVEWORKSHEETS

RENEWABLE or NON-RENEWABLE?

coal | solar energy | petroleum | natural gas | hydroelectric energy | wind energy | bioenergy

renewable	non-renewable

Click on the actions that SAVE ENERGY:

Turn off the lights in an empty room.

Open the doors and windows.

Turn the heating down and wear a jumper.

Close the fridge door.

Take long showers.

Fill the washing machine and the dishwasher.

Turn on the television when you are not using it.

Play with water.

LIVEWORKSHEETS

Match:

opaque

translucent

transparent

TRUE or FALSE?

Solar energy comes from sunlight.

○ True ○ False

Coal is a renewable energy source.

○ True ○ False

Hydroelectric energy comes from moving wind.

○ True ○ False

Bioenergy comes from burning organic matter from plants.

○ True ○ False

LIVEWORKSHEETS