

ES6 - Energy Sources

What is energy?

Describe each of the following main forms of energy:

Potential energy:

Kinetic energy:

Chemical energy:

Light energy:

Heat energy:

Electrical energy

Sound energy:

Nuclear energy:

State the law of conservation of energy.

What is the Earth's main source of energy?

Describe what is meant by each of the following:

A renewable energy source:

A non-renewable energy source:

Describe three non-renewable sources of energy.

1.

2.

3.

Give three examples of how we can conserve energy in our daily lives.

1.

2.

3.

Describe three renewable sources of energy.

1.

2.

3.

Describe a negative effect of our generation and consumption of electricity.

State the formula used to calculate *work* .

State the formula used to calculate *power*.