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Class: 3

Subject: Science

Chapter: Energy

Lecture sheet: Day 2

Class date: 11-07-20

Functions of energy: Energy can mainly do four things-

1. Energy can move something
2. Energy can make sound
3. Energy can produce light
4. Energy can produce heat.

1. Energy can move something:

Examples:

- Fan spin around by using electricity.
- A toy car can move by using battery electricity.
- When we heat water steam come out.
- Steam trains and ships can move by using the power of steam
- We can walk by using energy.



2. Energy can make sound:

- Sound is produced from radio, TV
- Animals can make sound.



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3. Energy can produce light:

- Lamp and torch give off light by using electricity.
- TV emits light
- Heat energy can also produce light.
- When we burn a matchstick, we get both light and heat.



4. Energy can produce heat:

- Electric lamp give off heat.
- Burning candle give off heat.
- Electrical energy can also produce heat.
- Sunlight can produce heat.



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Exercises for Day 2

1. Give the answer of the following questions in short.

a) Write two functions of energy.

2. Fill in the blanks with appropriate words.

a) Fan spin around by using _____.

b) A toy car can _____ by using battery electricity.

c) When we heat water _____ come out.

d) Steam trains and ships can move by _____ the power of steam.

e) We can walk by using _____.

f) Animals can make _____.

g) Sound is _____ from radio, TV.

h) Animals can make _____.

3. Write the correct answer.

a) Which of the following is not any function of energy?

I. Energy can move something

II. Energy can make sound

III. Energy can produce light

IV. Energy can produce water