



Musaeus College

Study Pack 2 / Week 2 / March 2020

Grade : 6

Subject : Science

Medium : English

Lesson 1:

Renewable and non-renewable energy sources

- Read the unit four in your textbook.
- Energy sources that are reproduce during use or within a short period of time after use are called renewable energy sources. Eg. Sun, wind, biomass, etc.
- Energy sources that are not reproduce after use or it takes a long period of time to be reproduced are called non-renewable energy sources. Eg. Fossil fuel, coal, etc.

1. Write a similarity and a difference between Biomass mass and fossil fuel.
 2. List out the energy sources used in Sri Lanka to generate electricity.
 3. Complete the assignments 4.3 and 4.4 given in your textbook.
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Lesson 2:

sustainable use of energy sources.

Amount of non-renewable energy sources in the world reduce day by day due to rapid usage in modern world. Therefore, it's our responsibility to use the energy sources wisely, without wasting and we must protect them for our future generations. This is called sustainable use of energy sources.

1. Complete the assignments 4.5 and 4.9 given in your textbook.
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Lesson 3:

Unit 5 - Light and Vision

How can we see?

Read the topic 5.1 in the textbook.

There are major two requirements for vision.

1. Light
2. Healthy eyes

Write the things need, method and figure of activity 5.1 and 5.2. separately and include the following observations and conclusions to them.

Activity 5.1:

Observation: When the hole was closed, the thing inside was not observed. When the light was directed, the flower inside the box was seen.

Conclusion: Light is needed to see something (vision).

Activity 5.2:

Observation: Lines on the palm were observed when eyes were open. Lines on the palm were not observed when eyes were closed.

Conclusion: Healthy eyes are necessary for vision.

Lesson 4:

Sources of Light

Objects which emit light are known as sources of light. Sun is a natural light source. Lighted candle is an artificial light source.

Write more examples for natural and artificial light sources.

Lesson 5:

Luminous and Non-luminous Objects

The objects which can produce their own light is called luminous objects.

Eg: lighted bulb

Objects which do not emit light are known as non-luminous objects.

Eg: planets

Write more examples for luminous and non-luminous objects.

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