

3.2.26

Lesson - 13, Light

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Science Words

1. Luminous

9. Fireflies

2. Non-Luminous

10. Artificial

3. Shadow

4. Transparent

5. Translucent

6. opaque

7. Reflection

8. Energy

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C.W.

Lesson - 13

Short Q/A

Q1 What helps us see things around us?

A1 We can easily see the things around us when its light fall on our eyes

Q2 What is a 'light source'? Give two examples.

A2 The things that give off light are known as source of light. ex - sunlight, fireflies and

Q3 What is the difference between luminous and non-luminous object?

A.3 Luminous objects - Objects such as the Sun, an electric bulb, a lamp and torch give off their own light. They are called luminous objects.

Non luminous object - object such as book and table do not give their own light. They are called non luminous objects.

Q.4 Give an example of reflection of light.

A.4 The mirror in which we see ~~our~~ face is an example of reflection of light.

Pravish

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C.O.W.

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Long Q/A

Q-1 Explain the different types of objects on the basis of the amount of light ~~they~~ allow to pass through.

→ Transparent objects

A/ (a) The object through which light can ~~pass~~ are called transparent object. Ex - water, glass and ~~air~~

→ Translucent objects

(b) The object through which only some light can ~~pass~~

are called translucent objects. Ex - ~~frosted~~, dirty

water, deeply coloured glass and plastic.

opaque objects

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(c) The objects through which light cannot pass are called opaque objects. Ex - pillow, wall and windows.

Q.2 What is shadow? Explain its characteristics

A.2 A shadow is formed by an opaque object which blocks the light completely or partially. The dark area of an object where light cannot reach is called its shadow.

→ Characteristics of shadow are

Shadow - A shadow is always black in

A shadow is always formed on the surface