

**Balika Vidyapith Lakhisarai (811311)**

**CLASS - 4**

**SUBJECT - EVS**

**Based On NCERT**

**Date - 14/10/2020**

**Chapter - 9**

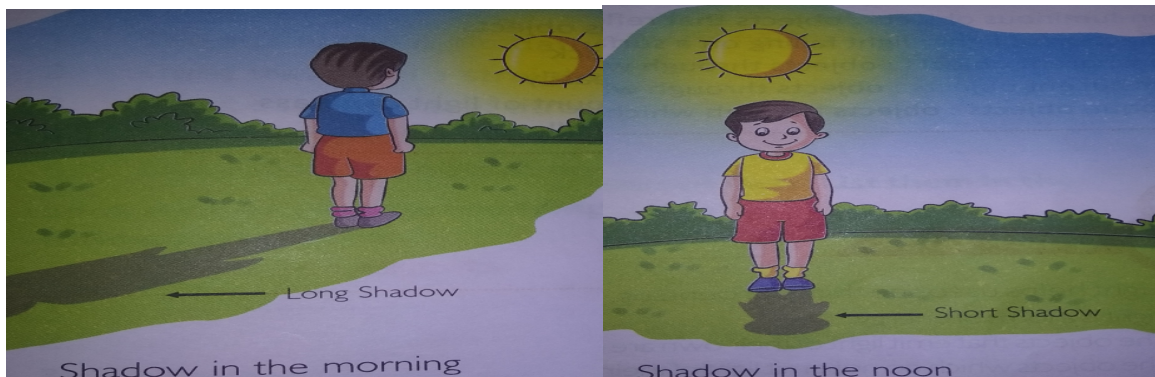
**Light**

### **FORMATION OF SHADOWS**

**Shadows is the dark side of an object seen on the ground , wall or floor . it is formed when light cannot pass through an opaque object . When our body blocks the path of light , our shadows is formed. At night , shadows are formed by the moonlight or electric light . Shadows do not form in the absence of light .**

### **Length of Shadow**

**The length of a shadow changes at different times of the day . It is long in the morning and in the evening . It is short at noon .**



## ***Direction of a Shadow***

***A Shadow is always formed on the opposite side of the source of light . For example, if the source of light is on the right , the shadow of an object will form on the left similarly , if the source of light is above the object , the shadow will form below the object.***

***1. Answer the following questions .***

***A.What is a shadow ? How is it formed ?***

***Answer = Shadows is the dark shape of an object seen on the ground, wall or floor. it is formed when light cannot pass through an opaque object. when our body blocks the path of light, our Shadow is formed.***

***Home Work***

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***Jyoti***

