

## Shadows

When an opaque object comes in the path of the light, a shadow is formed.

Essential conditions for Shadows:

- ❖ Sources of light
- ❖ Opaque objects
- ❖ Screen

### Characteristics of Shadows

- ❖ The shadows give only an outline of the object
- ❖ They require a screen for the shadow to cast.
- ❖ They are dark in colour and not of the colour of the objects.
- ❖ The size of the shadow varies according to its distance from the source of the light.