

# SHADOWS

We regularly see shadows, especially on a bright sunny day. Have you ever wondered why they are there? This article will explain how shadows are formed.

## WHAT IS A SHADOW?

A shadow is a dark area where light is blocked. Opaque objects do not allow light to travel through them. They block the light rays so a shadow is formed.

## HOW IS A SHADOW FORMED?

Light must be present for a shadow to be formed. The light could come from the sun, an electric light, a flame or another light source. Light travels in straight lines and light rays cannot go around an object. The rays go past the edges of opaque objects to form the outline of the shadow therefore the shadow takes the same shape.