



## LIGHT AND SHADOWS



**GRADE: 4**

**TERM: 4**

<b>National Curriculum Standards</b>	The Earth gets the right amount of light and heat from the Sun for supporting life
<b>Learning Objectives</b>	Observe what happens to the shadows of different objects when you tilt the light source
<b>Key Vocabulary</b>	Sun Short Angle Shadow Long
<b>Materials</b>	Different objects (toys) Marker White /Newspaper A3 Torch
<b>Brief Description</b>	Moving light closer to an object makes it larger and moving light away from the object has an opposite effect.
<b>Activity</b>	Use different objects from the environment. Place the object on a piece of white A4 paper or newspaper. Tilt the torch at different angles and draw the shadow to the objects accordingly. Observe what happens when the torch is close to the object and when it away from the object. Draw the length of the shadow with the marker.