



Enquiry Skills

Explaining Science

Designing Experiments

Enquiry Types



Research



Finding patterns



Observing over time

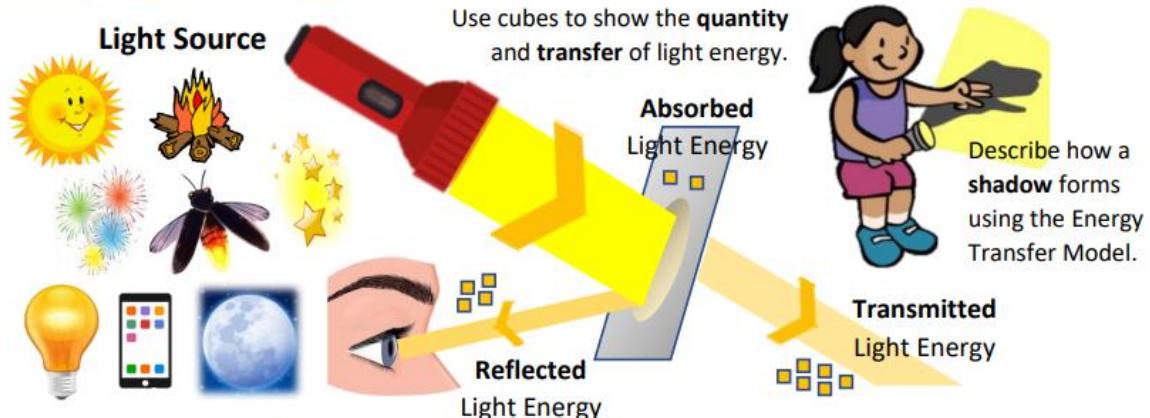


Fair testing

Key Knowledge

- Know that we need light to see things. Dark is when there is no light.
- Know examples of natural and man-made sources of light (energy).
- Know that the sun's light energy is very high. It can damage our eyes.
- Know that light can be reflected off a surface (reflected light energy).
- Know that a shadow forms when the transfer of light energy is blocked by an object. Know how to change the size of a shadow.

Energy Transfer Model



Key Words

variable	cause	effect	prediction	data range
light	source	transmitted	translucent	
energy	eye	absorbed	opaque	
transfer	reflection	shiny	shadow	
quantity	reflected	dull	mirror	
dark	reflective	transparent	polaroid	