



## Enquiry Skills

## Enquiry Types



**Explaining  
Science**

**Designing  
Experiments**



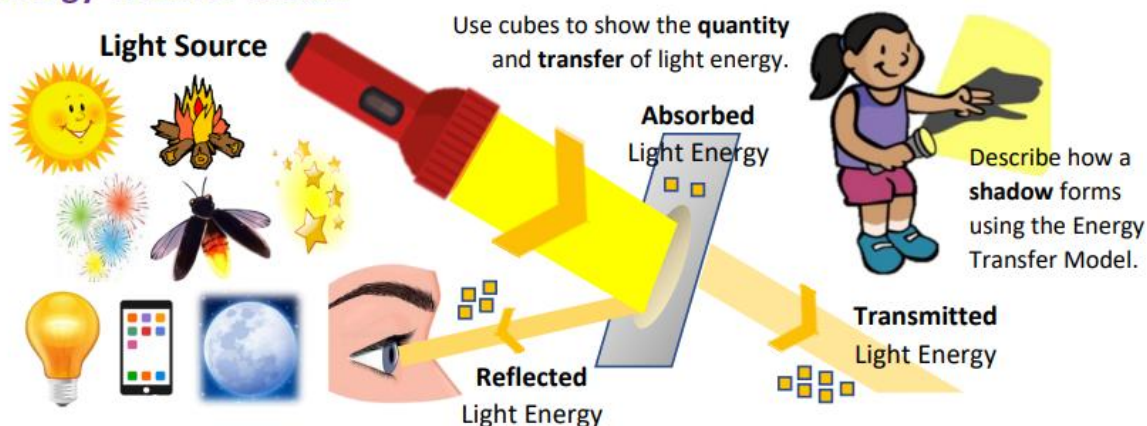
Research

Finding  
patternsObserving  
over timeFair  
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