



Light - Physics

Lesson	Objective/s
Pre learning	<ul style="list-style-type: none">• Complete pre learning task• Review previous knowledge.• Look at new knowledge organiser
Lesson 1	<ul style="list-style-type: none">• To recognise that light appears to travel in straight lines by creating a model of light travelling.• To use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
Lesson 2	<ul style="list-style-type: none">• To recognise that light appears to travel in straight lines by investigating the angles of incidence and reflection.• To use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye• Plan different types of scientific enquiries
Lesson 3	<ul style="list-style-type: none">• To recognise that light appears to travel in straight lines by investigating refraction.• Take measurements, using a range of scientific equipment
Lesson 4	<ul style="list-style-type: none">• To recognise that light appears to travel in straight lines by exploring prisms and creating colour wheels.• Report and present findings from enquiries
Lesson 5	<ul style="list-style-type: none">• To use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye by investigating how we see colours.• To explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes• Record data and results of increasing complexity
Lesson 6	<ul style="list-style-type: none">• To use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them by performing a shadow puppet show about Isaac Newton.• To identify scientific evidence that has been used to support or refute ideas or arguments
Post learning	<ul style="list-style-type: none">• Complete post learning task