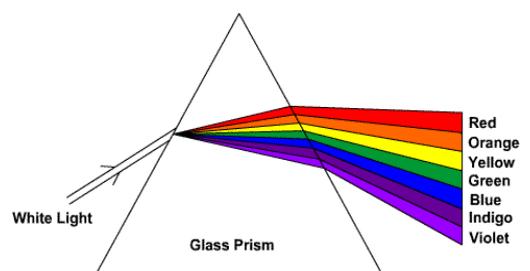


Y6 Science: Light Topic Project

January 2021

Science curriculum area: Light	<ul style="list-style-type: none">i) recognise that light appears to travel in straight linesii) use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eyeiii) explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyesiv) use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them
Working Scientifically (UKS2)	<ul style="list-style-type: none">i) planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessaryii) taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriateiii) recording data and results of increasing complexity using scientific diagrams and labels, tables, bar and line graphsiv) reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
Teaching Objectives	<ul style="list-style-type: none">• Plan and complete a series of light investigations, identifying variables and ensuring fair testing• Suggest patterns and connections based on observations and measurements• Draw conclusions and provide answers based on scientific enquiry

- <https://www.theschoolrun.com/what-is-light>
- <https://www.bbc.co.uk/bitesize/topics/zbssgk7>



1. Research the **four objectives** above in: **Science Curriculum area: Light**
2. Present your findings under each subheading in handwritten form with diagrams
3. Research the *human eye and a contrasting eye in animal kingdom*
4. Present your research in an informative way
5. Create a *shadow puppet*
6. Plan a series of scientific investigations using **Working Scientifically** section headings
7. Display your findings in clearly presented written form along with appropriate diagrams
8. There will be awards for very best projects
9. Use the above websites and any other websites that you discover and that are helpful and appropriate
10. **Due date: Friday February 5th**