Light

Physics

Written (W) report, experiment, letter etc. **Discussion (D)** Summary of learning. **Practical (P)** with photo and summary.

National curriculum objective	Date completed	Activities
➢ Recognise that light appears to travel in straight lines.		
➢ Use the idea that light travels in straight lines to explain the objects are seen because they give out or reflect light into the eye.		
➢ Explain that we see things because light travels from light sources to our eyes or from light source to objects and the to our eyes.		
➢ Use the idea that light travels in straight lines to explain why shadows have the same shape as the object that cast them.		

Key Vocabulary (topic words must be spelt correctly throughout topic)

physics	light	refraction	reflection
spectrum	rainbow	colour	shadows
opaque	transparent	translucent	straight lines
eye	light source	object	cast
prism	investigate	organ of sight	mirror
travels	torch	light and dark	absorb
xperiment			

Glossary of key terms you want to remember

refraction	
reflection	
Spectrum	

Questions that you need to be able to answer by the end of the topic

- What is a light source?
- How can we prove that light travels in a straight line?
- What is the impact of no light on our ability to see and why?
- How do we see a 'table' if it does not give out light?
- Why does the shadow of a tree look like a tree?