

Light



Physics

National Curriculum

Pupils will recognise that they need light in order to see things and that dark is the absence of light. They will notice that light is reflected from surfaces, recognise that light from the sun can be dangerous and that there are ways to protect their eyes. They will recognise that shadows are formed when the light from a light source is blocked by an opaque object and find patterns in the way that the size of shadows change.

Core Vocabulary			
prediction	transparent	reflection	protect
measure	reflective	light source	mirror
fair test	opaque	dark	opposite
conclusion	shadows	translucent	dangerous

Key: **Disciplinary** **Substantive** **Bigger Picture**

Glossary

light source	
reflection	
shadow	
transparent	
opaque	

Learning Intent Questions	Pupil	Teacher
What is the meaning of dark and why do we need light in		
How is light reflected from a surface?		
How are shadows formed?		
What kind of observations can we make about the size of a		
How can we protect our eyes from the dangers of the sun?		
What do we know about light?		