

Central Hub Brighton – Curriculum Topic Information Sheet

Subject	Year	Term
Science - Physics	7,8,9	Spring 1
Topic/s		
Electricity and Light		
Content (Intent)		
Prior Learning (Topic/s):		
Acids and Alkalis		
Future Learning (Topic/s):		
Solutions and Particles - Chemistry		
What Knowledge or Skills will be Taught? (Implementation)	How will your Understanding be Assessed and Recorded (Impact)	
Knowledge	On Going Assessment	
<p>Use correct symbols to draw and understand a parallel and series electrical circuit. Understand the terms resistor, conductor and insulator voltage and current with reference to electricity Identify conductors and insulators through testing. Know and used terms opaque translucent transparent. Understand that light travels in straight lines but can be refracted and reflected. Know the colours of the light spectrum and how we see light</p>	<p>Pupil work books Photographs Written and verbal feedback Onwards and Upwards</p>	
Skills	Formal Assessment	
<p>Be able draw electrical circuits using correct symbols. Use diagrams to show light travelling Dissect eyeball to locate parts</p>	<p>End of unit open book assessment</p>	
SEMH Curriculum Knowledge & Skills	Assessment of SEMH Development	
<p>Positive and functional relationships with peers and adults Safe working Group work Classroom skills</p>	<p>Lesson points</p>	
How Can Families Help at Home?		
<p>Observe any utility meters Look out for rainbows, shadows use of electricity in the home</p>		
Helpful Further Reading/Discussion (including Reading and Vocabulary Lists)		
Reading	Vocabulary Lists	
	<p>conduct insulate translucent transparent opaque</p>	

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	Parallel series voltage current refract reflect spectrum amp volt
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