

High Tunstall College of Science Curriculum Intent

Subject: Physics Year: 7

Thread 3—Electricity



	Physics Thread 3	Progress		
Topic	Key ideas	R	A	G
Electricity	I can define current, voltage and resistance			
	I can Calculate using the formula power = energy x time			
	I can name circuit symbols and draw simple circuits			
	I can draw and build simple series circuits			
	I can draw and build simple parallel circuits			

Lesson	Learning Focus	Assessment	Key Words
1	What is current, voltage and resistance?	Define current, voltage and resistance	Current, voltage, resistance
2	Calculating the energy transferred when using electricity	Calculate using the formula power = energy x time	Energy, power
3	Identifying circuit symbols and drawing circuit diagrams.	Name circuit symbols and draw simple circuits	Circuit, ammeter, voltmeter, bulb
4	Building and investigating current and voltage in series circuits	Draw and build simple series circuits	Series circuit
5	Building and investigating current and voltage in parallel circuits	Draw and build simple parallel circuits	Parallel circuit