Leintwardine Endowed CE Primary School Learning Journey Key										
'Letting Our Light Shine'										
SUBJECT : S	cience	YEAR : B		TERM : Spring 2 YEAR GROU			JPS : 3/4			
Key Question: What makes a circuit complete?										
Question	Vocabulary to Use	Information which will help me						Can I?		
What appliances around me run on electricity? What are the components of a circuit? Is a circuit	appliance, mains, battery, electricity, powered, device, electricity, circuit, series, bulb, wire, buzzer, switch, cell, battery,	for them to work. electricity (are plug have a battery to of mains-powered	liances rely on electricity ome appliances use mains ed into a socket) and others make them work. Examples ppliances include toasters ery-powered appliances can es and torches.	Materials can be tested in a circuit to see if they are electrical conductors or electrical insulators. 10p = metal = electrical conductors 10p = metal = electrical conductors			Define what an electrical appliance is and identify which use mains or which us batteries? Identify different components of a circuit and what they do?			
complete or incomplete?	component, diagram, complete circuit, incomplete circuit, energy	mains-powered battery-powered   Image: Second Seco						Build a series of circuits and identify if they are complete or incomplete?		
What are conductors and what are insulators?	ball, conductor, insulator, material, object, equipment, prediction,	Key Knowledge Examples of Electrical Co	nductors Examples of Electrical	nsulators	wires: Used to connect the different component in the circuit together.	motor: Produces movement in a complete circuit.	switch: Used to turn other components in the circuit on or off.	Explain what electrical conductors and insulators are and give examples of		
How do switches work?	result, conclusion, closed, open, on,	water metal	Construction of the second sec	glass fabric	<b>\$0</b>			them? Identify different switches and explain		
Can I fix problems with electrical circuits?	off, slide switch, toggle switch, selector switch, push button switch, battery- powered, mains- powered,	Complete Circuit	Incomplete Circuit	hat wing.	s can be used to open or the circuit to stop the completes' the circuit of possible possible possible push be switch	e flow of electricity. and allows the electric for the el	When on, a city to flow.	how they work? Apply my knowledge of electricity to different situations?		