

WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



'Let your light shine' – Matthew 5:16

Curriculum Planning Subject: **SCIENCE**

Unit: ELECTRICITY

Y1	Y2	Y3	Y4	Y5	Y6
-		-	YES	-	-

Year Group	YEAR 4
Prior Learning	Y3 magnets and forces. DT Y2
Key Learning: National Curriculum knowledge covered	<p>Identify common appliances that run on electricity</p> <p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers</p> <p>Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery</p> <p>Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</p> <p>Recognise some common conductors and insulators, and associate metals with being good conductors.</p> <p>Identifying different sources of electricity eg hydro electrics- To enable us to be inspired and learn about local scientist; Lord Armstrong.</p>
Key Progressive Skills: National Curriculum skills covered	<p>Compare, group, observe, measure, and investigate.</p> <p>Gather, record, classify, present data.</p> <p>Comparative tests, fair test,</p>

WHITLEY MEMORIAL C of E AIDED PRIMARY SCHOOL



'Let your light shine' – Matthew 5:16

	observations.
Key Vocabulary National Curriculum and other	appliances electricity electrical circuit cell wire bulb buzzer danger electrical safety sign insulators wood rubber plastic glass conductors metal water switch open closed components plug motor mains