

# What I need to know: Y4 Science - Electricity

*We nurture the curiosity to learn, the courage to lead and the compassion to care.*

Name:

Class:

This unit explores basic knowledge about electricity. Children will design and carry out experiments, building a solid foundation for the Y6 electricity unit of work.

What I will know...	✓	Start	End
Understand electrical safety		○	○
Learn about electrical components in a circuit		○	○
Investigate electrical circuits		○	○
Explore conductors and insulators		○	○
Learn about electrical switches		○	○
Investigate how electrical components can change within a circuit		○	○
Make predictions about electrical circuits		○	○

Skills I may use...	
<b>Remember:</b> name, identify, describe	<b>Analyse:</b> investigate, infer, select, clarify
<b>Understand:</b> predict, recall, interpret	<b>Create:</b> plan, design, construct
<b>Apply:</b> use, show, relate, demonstrate	<b>Evaluate:</b> compare, assess, judge

Vocabulary I need to know...		
1. I have heard the word, but I don't know what it means	2. I understand what the word means	3. I can explain what the word means and give other examples
Cell, wire, buzzer, circuit, appliance, bulb, motor, battery, danger, safety, insulator, conductor, switch, insulator, conductor		

Opportunities to support English and maths
<ul style="list-style-type: none"> <li>Skim and scan texts to retrieve information or quotes quickly and accurately</li> <li>Summarise main ideas from more than one paragraph</li> <li>Make and justify inferences with appropriate evidence from the text</li> <li>Provide reasoned justifications for their views, quoting evidence from across a text</li> </ul>

Curriculum Links and Enrichment Activities
<ul style="list-style-type: none"> <li>Visit / visitor</li> </ul>