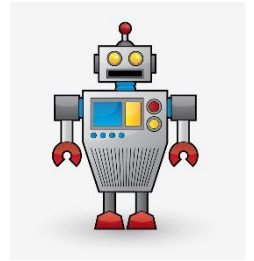


Year 6

Who is taking control?



Through this topic the children will learn the following:

Science	<p>Construct a complete circuit and explain what is needed to do to get it to work.</p> <p>Explain how number and voltage of cells affects a lamp or buzzer.</p> <p>Explain the use of switches, how bulbs can be made brighter and buzzers made louder.</p> <p>Use line graphs to record data.</p> <p>Represent a constructed circuit using symbols.</p>
Geography	
History	
Music	<p>Understand what electronic music is.</p> <p>Identify layering in electronic music and in vocals.</p> <p>Sing a layer from a vocal piece of music.</p>
Art and design	
Design and technology	<p>Design, construct and make and evaluate a motorised vehicle which can move under its own power for a distance of 6m.</p> <p>Develop and model their ideas through discussion, annotated sketches, prototypes and computer aided design.</p> <p>Use and apply understanding of structures and electrical control to make a controllable chassis.</p> <p>Use electrical and mechanical components to achieve functional results.</p> <p>Evaluate their product against their design and the criteria.</p>
Computing	
PSHE	<p>I can describe some ways in which I can work with other people to help make the world a better place.</p> <p>I can identify why I am motivated to do this.</p>

RE

Make links between how Sikhs practice their religion and the beliefs that underpin this.

Respectfully ask questions about some of the ways Sikhs choose to behave and the decisions they make and understand these are based on their beliefs.