

## Design and Technology at Southbourne Junior School

	Autumn		Spring		Summer
<b>Year 3</b>	<p>What is the secret of the standing stones?</p> <p><b>What seasonal meal can we make?</b></p> <p>Cooking and nutrition</p>	<p>Who is behind the mask?</p> <p><b>Reading for Pleasure - can we make quiet reading time more comfortable?</b></p> <p>Textiles</p>	<p>Beyond the magic kingdom: what is the sunshine state really like?</p> <p><b>Can we create structures to protect turtle nests?</b></p> <p>Structures</p>	<p>How can we live sustainably?</p> <p><b>How can a solar oven help us to live more sustainably?</b></p> <p>Electrical Systems (energy sources)</p>	<p>Why are jungles so wet and deserts so dry?</p> <p><b>Can you create a toy with a pneumatic system?</b></p> <p>Mechanisms</p>
<b>Year 4</b>	<p>Why is the earth so angry?</p> <p><b>Can you build an earthquake proof building?</b></p> <p>Structures</p>	<p>How did the arrival of the Romans change Britain?</p> <p><b>How did the Romans use kinetic energy in their weapons?</b></p> <p>Mechanisms</p>	<p>Why do so many people live in megacities?</p> <p><b>Can you create a functioning torch?</b></p> <p>Electrical systems</p>	<p>Who were the Anglo-Saxons and how do we know what was important to them?</p> <p><b>Can you bake bread like an Anglo-Saxon?</b></p> <p>Cooking and nutrition</p>	<p>On our doorstep: how has Southbourne changed?</p> <p><b>Which fastening is best for your booksleeve?</b></p> <p>Textiles</p>
<b>Year 5</b>	<p>What is a river?</p> <p><b>How could you help people cross a river?</b></p> <p>Structures</p>	<p>Is Christmas Sacred or Secular?</p> <p><b>Can you use my knowledge of electric circuits to make an electronic greeting card?</b></p> <p>Electricity</p>	<p>The story of the Trojan horse: historical fact, legend or classical myth?</p> <p><b>How do you make a healthy bolognese sauce?</b></p> <p>Cooking and nutrition</p>	<p>How is climate change affecting the world?</p> <p><b>Can you make a stuffed toy?</b></p> <p>Textiles</p>	<p>How do volcanoes affect the lives of people on Heimaey?</p> <p><b>Can you use structures and mechanisms to make a pop-up book?</b></p> <p>Mechanisms</p>
<b>Year 6</b>	<p>Who are Britain's national parks for?</p> <p><b>Can you make a playground accessible to all?</b></p> <p>Structures</p>	<p>Why was winning the Battle of Britain in 1940 so important?</p> <p><b>Make do and mend: can you make a party waistcoat?</b></p> <p>Textiles</p>	<p>Why are mountains so important?</p> <p><b>Can you make a story scene move?</b></p> <p>Mechanisms</p>	<p>Why did the Ancient Maya change the way they lived?</p> <p><b>Can you use your knowledge of electricity to make a game?</b></p> <p>Electrical systems</p>	<p>Why is fair trade fair?</p> <p><b>What would make a balanced three course meal?</b></p> <p>Cooking and nutrition</p>