

## Curriculum Topics Studied At Springfield

Design Technology	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year 7</b>	<p><b>A rotation of the following topics/activities:</b> Pewter key ring, Thermoplastic Ruler, Trinket Box, Gears and Pulleys, Lewin inspired Bunting.</p> <p>All projects are based around the iterative design process required at GCSE level; students get a taster of research, design development, modelling/making and evaluating.</p>					
<b>Year 8</b>	<p><b>A rotation of the following topics/activities:</b> Tilting Mirror, Sustainable Clock, Apron and Pattern Cutting and 'Solar Toy' Project.</p> <p>All projects are based around the iterative design process required at GCSE level; students build upon their previous knowledge in year 7 to complete research, design development, modelling/making and evaluating.</p>					
<b>GCSE Product Design Year 9</b>	<p>"Specialising in more complex aspects of product design in preparation for controlled assessment alongside learning technical core knowledge."</p> <p>A range of projects across Product Design and Textiles specialism including: Table Tennis Bat, Pine Pencil Case, Kinetic Spreads, Children's wear.</p>					
<b>GCSE Product Design Year 10</b>	<p>"Specialising in more complex aspects of product design in preparation for controlled assessment alongside learning technical core knowledge."</p> <p>A range of projects across Product Design and Textiles specialism including: Bauhaus Birdhouse, Memphis Jewellery inspired by Tatty Devine, Postmodern model making inspired by Alberto Alessi, Upcycling fashion.</p> <p>GCSE Design and Technology NEA commences on July 1st</p>					
<b>GCSE Product Design Year 11</b>	<p>The final GCSE is split between the following:</p> <p>50% <b>NEA</b> (Non Exam Assessment). 35hours (guided hours) of project work bases on the Iterative Design Process in either Textiles or Product Design Specialism</p> <p>50% <b>Exam</b> Core knowledge. 70% of the exam is Core DT Knowledge and 25% is based on the material of your choice (ie: Textiles, Paper and Boards or Natural and Manufactured Timber)</p>					