

Argyle Design Technology Scheme of Work – Overview

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
EYFS: Reception	Structures: Junk modelling (6 lessons)	Textiles: Bookmarks (6 lessons)	Structures: Boats (6 lessons)		
Year 1	Structures: Constructing windmills (Lesson 1 - 3; omit lesson 4) Spring 2	Mechanisms: Moving story book (Lesson 1 - 3; omit lesson 4) NB: Use the Storybook template (see Resources) for all pupils in Lesson 2 to save time. Spring 2	Option 1: *New* Wheels and axles (5 lessons) Option 2: Wheels and axles (4 lessons) Autumn 2	Textiles: Puppets (4 lessons) Summer 2	Cooking and nutrition: Smoothies (Lessons 1, 2, 5 and 6; omit lessons 3 and 4) Summer 2
Year 2	Mechanisms: Fairground wheel (5 lessons) Autumn 2	Cooking and nutrition: Balanced diet (Lessons 1, 2, 5 and 6; omit lessons 3 and 4) Autumn 2	Structures: Baby bear's chair (Lesson 2 - 4; omit lesson 1) Spring 2	Textiles: Pouches (Lessons 1 – 3; omit lesson 4) Spring 2	Mechanisms: Moving monster (4 lessons) Summer 2

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Year 3	<p>Textiles: Cross stitch and appliqué Egyptian collars (4 lessons)</p> <p>Summer 2</p>	<p>Structures: Constructing a castle (Lessons 2 – 4; omit lesson 1)</p> <p>Autumn 2</p>	<p>Cooking and nutrition: Eating seasonally (Lessons 2, 4, 5 and 6; omit lessons 1 and 3)</p> <p>Autumn 2</p>	<p>Digital world: Wearable technology (Lessons 2-4; omit lessons 1 and 6) NB. This means that there is no evaluation in the unit.</p> <p>Summer 2</p>	<p>Option 1: *New* Mechanical systems: Pneumatic toys (Lessons 1, 3 and 4); omit lessons 2 and 5) NB. Use elements of lesson 2 to support diagram learning in lesson 3. Option 2: Mechanical system: Pneumatic toys (Lessons 2 – 4; omit lesson 1) NB. Watch the tea box in lesson 1, as a physical example.</p> <p>Spring 2</p>
Year 4	<p>Mechanical systems option 1: Mechanical cars (Lessons 2-5, omit lesson 1)</p> <p>Mechanical systems option 2: Making a slingshot car (4 lessons)</p> <p>Autumn 2</p>	<p>Textiles: Fastenings (Lessons 2-4; omit lesson 1)</p> <p>Spring 2</p>	<p>Structures: Pavilions (4 lessons)</p> <p>Summer 2</p>	<p>Cooking and nutrition: Adapting a recipe (Lessons 1-3 and lesson 5; omit lessons 4 and 6)</p> <p>Summer 2</p>	<p>Electrical systems: Torches (Lessons 2 - 4; omit lesson 1)</p> <p>Spring 2</p>

<p>Year 5</p>	<p><u>Cooking and nutrition:</u> <u>Developing a recipe</u> (4 lessons) (Lessons 2-4 and lesson 6; omit lessons 1 and 5)</p> <p>Autumn 2</p>	<p><u>Electrical systems:</u> <u>Doodlers</u> (Lessons 1 - 3; omit lesson 4)</p> <p>Autumn 2</p>	<p><u>Mechanical systems option 1:</u> <u>Making a pop-up book</u> (Lessons 1 - 3; omit lesson 4) NB. Use the Jack and Jill book and moving parts template in Lesson 2, to reduce time. <u>Mechanical systems option 2:</u> <u>Gears and pulleys</u> (Lessons 1-3 learning and making gears and pulleys; omit lessons 4 and 5 the design task)</p> <p>Spring 2</p>	<p><u>Digital world:</u> <u>Monitoring devices</u> (4 lessons)</p> <p>Summer 2</p>	<p><u>Structures: Bridges</u> (4 lessons)</p> <p>Summer 2</p>
<p>Year 6</p>	<p><u>Structure:</u> <u>Playgrounds</u> (Lessons 1 - 3; omit lesson 4) NB. Skip the surrounding landscape and complete the playground structures in lesson 3.</p> <p>Autumn 2</p>	<p><u>Mechanical systems:</u> <u>Automata toys</u> (4 lessons)</p> <p>Autumn 2</p>	<p><u>Electrical systems:</u> <u>Steady hand game</u> (Lesson 2 - 4; omit lesson 1)</p> <p>Spring 2</p>	<p><u>Digital world:</u> <u>Navigating the world</u> (5 lessons) NB: You could complete lesson 5 as an assembly or celebratory event.</p> <p>Summer 2</p>	<p><u>Cooking and nutrition:</u> <u>Come dine with me</u> (Lessons 2, 4, 5 and 6; omit the optional lessons 1 and 3)</p> <p>Summer 2</p>