



FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
A range of small- and large-scale products linked to other aspects of the curriculum	<p>Structures: Free standing structure</p> <p>Mechanisms (full cycle): sliding picture</p> <p>Textiles: puppets (KAPOW)</p>	<p>Mechanisms (full cycle): moving animal (levers and linkages/link to science/KAPOW)</p> <p>Structures: Bridges</p> <p>Food technology: healthy wraps as this links to science (links to science)</p>	<p>Mechanisms (full cycle): pneumatic toy (KAPOW)</p> <p>Textiles: bookmark</p>	<p>Structures (full cycle): bird hides (frame structure)</p> <p>Electrical systems: torches – link to science (KAPOW)</p> <p>Food technology: savoury tart (KAPOW)</p>	<p>Mechanisms/ Textiles (full cycle): Pulleys to make a functioning flag pole</p> <p>Food technology: spaghetti bolognaise (KAPOW)</p>	<p>Structures (full cycle): frame structures (earthquake-proof buildings)</p> <p>Electrical systems: steady hand game (links to science/KAPOW)</p> <p>Computing to programme: fairground rides - K'nex)</p>
Design vocabulary						
Design Material Draw	<p>Revisit from FS: Design Material Draw</p> <p>Structure 3D shape Material Part Free-standing Label Template</p>	<p>Revisit from FS: Design Material</p> <p>Revisit from year 1: Structure</p> <p>Inspiration Bridge Mock-up</p>	<p>Revisit from FS: Design</p> <p>Annotated sketch</p>	<p>Revisit from FS: Design</p> <p>Revisit from year 1: Structure</p> <p>Bird hide Cross-sectional diagram Prototype</p>	<p>Revisit from FS: Design</p> <p>Revisit from year 1: Structure</p> <p>Exploded diagram Pattern piece</p>	<p>Revisit from FS: Design</p> <p>Revisit from year 1: Structure</p> <p>CAD (computer-aided design) Industry experts Architects</p>
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Make vocabulary						
Join Tool Cut Paper Card Straws Lollipop sticks Wood Fabric Lego	<p>Revisit from FS: Join Cut Glue</p> <p>Accurate Slide Stiffer Stronger Construct</p>	<p>Revisit from FS: Join</p> <p>Revisit from year 1: Stiffer Stronger Construct</p> <p>Split pins</p>	<p>Revisit from FS: Cut Join</p> <p>Revisit from year 1: Construct</p> <p>Shape Crease</p>	<p>Revisit from year 1: Stable Construct</p> <p>Cladding Strengthen</p>	<p>Revisit from FS: Cut Join</p> <p>Revisit from year 1: Accurate</p> <p>Safely Saw</p>	<p>Revisit from FS: Cut Wood</p> <p>Revisit from year 1: Construct Stable</p>

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Duplo Mobilo Stickle bricks Masking tape Sellotape Brown tape Glue String Ribbon Rope Treasury tags Wool Hammer Nails Pegs Nuts Bolts	Stapler Pin Decorate Cutting Scissors Stable	Piercing	Fold Curl Tear Secure			Revisit from year 4: Strengthen Stiffen Measure
FS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Evaluate vocabulary						
Problem Solution	Product Functional Appealing Existing product Existing ideas	Revisit from year 1: Product Functional Appealing Existing product Evaluate Finished product Purposeful Design criteria	Revisit from year 1: Product Appealing Existing products Revisit from year 2: Purposeful Design criteria Evaluate Target audience Aesthetic	Revisit from year 1: Product Appealing Existing product Functional Revisit from year 2: Purposeful Design criteria Evaluate Design process Generate	Revisit from year 1: Product Appealing Functional Revisit from year 2: Purposeful Design criteria Evaluate Revisit from year 3: Aesthetic Final product Ongoing Refined Adapt	Revisit from year 1: Product Revisit from year 2: Design criteria Evaluate Revisit from year 5: Adapt Modern buildings Earthquake-resistant Positive way Negative way Consideration Views of others Functional properties
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Technical vocabulary						
	Mechanism Slider	Revisit from year 1:	Revisit from year 1:	Reinforce Frame structure	Revisit from year 3:	Revisit from year 4:

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	Sliding picture	<p>Mechanism</p> <p>Characteristics</p> <p>Mechanical system</p> <p>Lever</p> <p>Movement</p> <p>Linkages</p> <p>Pivot</p> <p>Solid structure</p>	<p>Mechanism</p> <p>Revisit from year 2:</p> <p>Mechanical system</p> <p>Pneumatic system</p> <p>Running stitch</p> <p>Applique</p> <p>Textiles</p> <p>Thread</p> <p>Needles</p>	<p>Corners</p> <p>Series circuit</p> <p>Bulb</p> <p>Switch</p>	<p>Textiles</p> <p>Thread</p> <p>Needles</p> <p>Running stitch</p> <p>Back stitch</p> <p>Decorative</p> <p>Cross-stitch</p> <p>Blanket stitch</p> <p>Pulley</p>	<p>Reinforce</p> <p>Series circuit</p> <p>Switch</p> <p>Real-life</p> <p>Buzzer</p> <p>Input</p> <p>Output</p> <p>Control</p> <p>Device</p> <p>Debugging</p> <p>Desired outcomes</p>
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