

Bowes Learning Quest

Long Term Subject Maps

DT	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Environmental week – model making (junk modelling) - independent activity		Textiles - design/make a superhero (Supertato) outfit Food Technology - pancake day (choosing - decorate/toppings) – cutting (butter knives), mixing, pouring	Mechanisms (wheels and axles) - design/make vehicle for transport Food Technology – easter melting chocolate- making easter nest Mechanisms (sliders and levers) – easter card - chick	DT Food – Fruit kebab - cutting, slicing	Food Technology – Gingerbread man (Book) make and decorate Construction -design/make a house – sticks, straw, blocks (3 little pigs) Food Technology – bread rolls (little red hen) - mixing, weighing, kneading, moulding
Year 1		Strand: Textiles Unit: Hand puppet Materials: Fabric, thread, needles Skill: Sew, design, make, annotate, evaluate Curriculum Link: History, Maths, Art		Strand: Mechanisms (sliders and levers) Unit: Moving picture Materials: Card, split pins Skill: Cutting, joining, design, make, annotate, evaluate Curriculum Link: History, Science, Art		Strand: Food Technology Unit: Design/make fruit salad - sweet Materials: Fresh produce Skill: Slicing, chopping, peeling, design, make, evaluate Curriculum Link: History, Science, Art
Year 2		Strand: Structures (free standing structures) Unit: Design/make playground equipment Materials: Recycled materials – cardboard tubes, containers Skill: Measuring, cutting, joining, research, design, make, annotate, evaluate Curriculum Link: Maths, Geography	Strand: Textiles Designer/craftsperson: Unit: Design/make an embroidered cushion Materials: Fabric, thread Skill: Sewing (running stitch, cross stitch), design, make, annotate, evaluate Curriculum Link: History, Maths, Science, Art			Strand: Food Technology Unit: Design/make healthy sandwich - savoury Materials: Fresh produce Skill: Slicing, dicing, peeling, chopping, spreading, assembling, design, make, evaluate Curriculum Link: Geography, Maths



Bowes Learning Quest

Long Term Subject Maps

<p>Year 3</p>	<p>Strand: Food Unit: Design/make healthy pasta/rice/couscous salad - savoury Materials: Fresh produce Skill: Slice, dice, chop, peel, grate, design, plan, make, evaluate Curriculum Link: Geography, Maths</p>	<p>Strand: Pneumatics Unit: Moving monsters Materials: Cardboard Skill: Measure, investigate, explore, design, make, annotate, evaluate Curriculum Link: History, Maths, Science</p>		<p>Strand: Shell structures Unit: Packaging Materials: Chromebooks, paper/card, acetate Skill: Design, make, improve, evaluate, problem solving, annotate, evaluate Curriculum Link: History, Science</p>		
<p>Year 4</p>	<p>Strand: Food Technology Chef: Jamie Oliver Unit: Seasonal minestrone soup and soda bread rolls Materials: Fresh produce Skill: Kneading, , weighing, mixing, chopping, dicing, slicing, peeling Curriculum Link: Geography, Maths</p>		<p>Strand: Textiles Unit: Sewing an emoji Materials: Fabric - felt Skill: Sewing (running stitch, back stitch, cross stitch), design, make, improve, annotate, evaluate Curriculum Link: Maths, Art</p>	<p>Strand: Structures/CAD Designer/architect: Zaha Hadid Unit: Architecture (RIBA) Materials: Ipads, paper/card Skill: Design, make, improve, evaluate Curriculum Link: Maths, Cultural Capital</p>		



Bowes Learning Quest

Long Term Subject Maps

<p>Year 5</p>	<p>Strand: Mechanisms (wheels and axles), mechanical systems (pulleys), Electrical Systems (circuits with switches, motors) Unit: Motorised moon buggy Materials: Cardboard, electrical circuits, Skill: Design, make, improve, evaluate, problem solve, electrical circuits, annotate, evaluate Curriculum Link: Science, Computing, Maths</p>	<p>Strand: Textiles Unit: Sewing drawstring bag Materials: Calico, fabric, sewing equipment Skill: Sewing (running stitch, back stitch), fabric crayons/painting, revisiting prior learning, design, make, improve, annotate, evaluate Curriculum Link: Science, Maths, Art</p>			<p>Strand: Food Technology Unit: Design/make healthy shortcrust pastry turnover - savoury Materials: Fresh produce Skill: Kneading, weighing, rubbing, rolling, beating, slicing, grating, chopping, design, make, evaluate, collaboration Curriculum Link: Geography, Maths</p>	
<p>Year 6</p>				<p>Strand: Textiles, Sculpture Designer/craftmaker/artist: Alinah Azadeh Unit: WW2 make do and mend – medals for everyday courage Materials: Fabric Skill: Sewing (running stitch, back stitch), sculpting, joining, research, design, make, improve, evaluate Curriculum Link: History, Maths, Art</p>	<p>Strand: Mechanical Systems - cams Unit: Cam toys Materials: Cardboard, dowels, wooden wheels Skill: Design, make, improve, annotate, evaluate, problem solve, moving parts Curriculum Link: Maths, Art</p>	<p>Strand: Food Technology Unit: Great British Bake Off at Bowes - sweet Materials: Fresh produce Skill: Baking, measuring, weighing, collaborating, budgeting, design, make, annotate, evaluate Curriculum Link: Maths, Science, Art</p>