

## Curriculum map

### Design Technology

	Autumn	Spring	Summer
<b>Year 1</b>	<p>Aspect: <b>STRUCTURES</b></p> <p>Focus: <b>FREESTANDING STRUCTURES</b></p> <p>Project Title: Design, make and evaluate a playground (product) for the school community (user) for pleasure (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A NEW PLAYGROUND</b></p>	<p>Aspect: <b>MECHANISMS</b></p> <p>Focus: <b>SLIDERS AND LEVERS</b></p> <p>Project Title: Design, make and evaluate a moving picture (product) for younger children (user) for information about an animal (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A POP UP MOVING PICTURE</b></p>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>PREPARING FRUIT AND VEGETABLES</b></p> <p>Project Title: Design, make and evaluate a fruit kebab (product) for themselves (user) for a picnic (purpose).</p> <p>Key Question: <b>HOW CAN I MAKE A HEALTHY FRUIT KEBAB?</b></p>
<b>Year 2</b>	<p>Aspect: <b>MECHANISMS</b></p> <p>Focus: <b>WHEELS AND AXLES</b></p> <p>Project Title: Design, make and evaluate a fire engine (product) for people who help us (user) for making work easier (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A VEHICLE</b></p>	<p>Aspect: <b>TEXTILES</b></p> <p>Focus: <b>TEMPLATES AND JOINING TECHNIQUES</b></p> <p>Project Title: Design, make and evaluate a puppet (product) for themselves (user) for telling a story (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A PUPPET</b></p>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>PREPARING FRUIT AND VEGETABLES</b></p> <p>Project Title: Design, make and evaluate a healthy fruit salad (product) for themselves (user) for a picnic (purpose).</p> <p>Key Question: <b>HOW CAN I MAKE A HEALTHY FRUIT SALAD LOOK EXCITING TO EAT?</b></p>
<b>Year 3</b>	<p>Aspect: <b>MECHANICAL SYSTEMS</b></p> <p>Focus: <b>LEVERS AND LINKAGES</b></p> <p>Project Title: Design, make and evaluate a greeting card for a friend or relative (user) for a celebration (purpose).</p> <p>Key Question: <b>PLAN DESIGN AND MAKE A POP UP CARD</b></p>	<p>Aspect: <b>TEXTILES</b></p> <p>Focus: <b>2D SHAPE TO 3D PRODUCT</b></p> <p>Project Title: Design, make and evaluate a Roman purse (bulla) (product) for a Roman child (user) for holding coins and a lucky charm (purpose).</p> <p>Key Question: <b>MAKING ROMAN PURSES</b></p>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>HEALTHY AND VARIED DIET</b></p> <p>Project Title: Design, make and evaluate a healthy sandwich (product) for themselves (user) for a Christmas party (purpose).</p> <p>Key Question: <b>DESIGNING AND MAKING SANDWICHES (combination of filling)</b></p>
<b>Year 4</b>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>HEALTHY AND VARIED DIET</b></p> <p>Project Title: Design, make and evaluate a healthy snack bar (product) for themselves (user) for their lunch boxes (purpose).</p> <p>Key Question: <b>DESIGNING AND MAKING A HEALTHY SNACK BAR (texture)</b></p>	<p>Aspect: <b>ELECTRICAL SYSTEMS</b></p> <p>Focus: <b>SIMPLE CIRCUITS (INC PROGRAMMING AND CONTROL)</b></p> <p>Project Title: Design, make and evaluate a lantern (product) for the general public (user) celebration (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A LANTERN THAT LIGHTS UP- USING OPEN CIRCUITS WITH SWITCHES AND LIGHTS</b></p>	<p>Aspect: <b>STRUCTURES</b></p> <p>Focus: <b>SHELL STRUCTURES INCLUDING CAD (COMPUTER AIDED DESIGN)</b></p> <p>Project Title: Design, make and evaluate a money box (product) for themselves (user) for saving money (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A MONEY BOX - LINK TO ICT DESIGN</b></p>
<b>Year 5</b>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>CELEBRATING CULTURE AND SEASONALITY</b></p> <p>Project Title: Design, make and evaluate a bread roll (product) for themselves (user) for an end of term party (purpose).</p> <p>Key Question: <b>MAKING BREAD ROLLS</b></p>	<p>Aspect: <b>STRUCTURES</b></p> <p>Focus: <b>FRAME STRUCTURES</b></p> <p>Project Title: Design, make and evaluate a kite (product) for themselves (user) for pleasure (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A BOX KITE</b></p>	<p>Aspect: <b>MECHANICAL SYSTEMS</b></p> <p>Focus: <b>PULLEYS OR GEARS</b></p> <p>Project Title: Design, make and evaluate a fairground ride (product) for younger children (user) for pleasure (purpose).</p> <p>Key Question: <b>HOW DO FAIRGROUND RIDES MOVE? DESIGN AND MAKE A FAIRGROUND RIDE</b></p>
<b>Year 6</b>	<p>Aspect: <b>ELECTRICAL SYSTEMS</b></p> <p>Focus: <b>MORE COMPLEX SWITCHES AND CIRCUITS (IN PROGRAMMING, MONITORING AND CONTROL) INC CAD (COMPUTER AIDED DESIGN)</b></p> <p>Project Title: Design, make and evaluate an electrical game (product) for younger children (user) for pleasure (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE AN ELECTRICAL GAME</b></p>	<p>Aspect: <b>TEXTILES</b></p> <p>Focus: <b>COMBINING DIFFERENT FABRIC SHAPES</b></p> <p>Project Title: Design, make and evaluate a Zip card holder (product) for TFL (user) for to sell to secondary school pupils (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE A ZIP CARD HOLDER</b></p>	<p>Aspect: <b>FOOD</b></p> <p>Focus: <b>CELEBRATING CULTURE AND SEASONALITY</b></p> <p>Project Title: Design, make and evaluate a wartime recipe (product) for themselves (user) for a celebration (VE Day) (purpose).</p> <p>Key Question: <b>DESIGN AND MAKE 'RATION' FOOD</b></p>