

Technology Builder (by the end of)

Year 2		Year 4		Year 6	
Questions (Learning)	Answers (Knowledge)	Questions (Learning)	Answers (Knowledge)	Questions (Learning)	Answers (Knowledge)
<p>What is the difference between Art and Design and Technology?</p> <p>What does winding mechanism do?</p> <p>Name the ingredients used to make scones. What does Self Raising flour do in the oven?</p> <p>Name 3 ways of being hygienic when cooking the reasons for hygiene.</p> <p>What is 'Afternoon Tea'? What is a cream tea? When is the appropriate time for afternoon tea?</p> <p>What is the difference between how Devon and Cornwall spread their scones?</p>	<p>Art is painting/drawing. Design is drafting/planning ideas. Technology is constructing and cooking.</p> <p>A winding mechanism helps toys move.</p> <p>Scones-self raising flour, butter, eggs/milk and sugar.</p> <p>Self Raising flour rises.</p> <p>Washing hands, wearing apron and hair being tied.</p> <p>Afternoon Tea is a meal of sandwiches, scones with clotted cream and jam, sweet pastries and cakes</p> <p>Cream tea usually consists of tea and scones with clotted cream and jam. Afternoon Tea is often served for a light snack or at afternoon tea, a formal light meal served at four in the afternoon or early evening before the main supper.</p> <p>Traditionally, Devon spread cream first and then jam on top. The Cornish scone is spread the other way round</p>	<p>How were fairy cakes named? What is a chocolate truffle?</p> <p>Identify different types of bridges: Where and what is Tower Bridge? Where is Sydney Harbour Bridge and Brooklyn Bridge? Which is the world's oldest bridge built by the ancient Romans. Why is yeast an essential ingredient in baking bread.</p> <p>What do people do on Shrove Tuesday?</p> <p>What is an architect? What is a thatched roof? What does evaluate mean?</p> <p>What is the function of a G Clamp?</p>	<p>Fairy cakes are named as such because of their size – small enough to be served to the tiny mythical creatures. The word "fairy" appeared around 1300, referring to "enchantment" and "magic."</p> <p>A chocolate truffle is a type of chocolate confectionery, traditionally made with a chocolate ganache centre coated in chocolate, cocoa</p> <p>-Beam, Truss, Arch, Cantilever, Suspension & Cable Stayed.</p> <p>-Tower Bridge is part suspension bridge and crosses the River Thames close to the Tower of London.</p> <p>-Sydney Harbour Bridge- Australia</p> <p>Brooklyn Bridge in New York, America</p> <p>-Caravan Bridge</p> <p>Yeast helps bread rise.</p> <p>Shrove Tuesday-Traditionally Christians would go to church to confession and be absolved from their sins on this day. Nationally pancakes are made..</p> <p>An architect designs buildings.</p> <p>A thatched roof is made of straw, water reed, heather, or palm branches, layering the vegetation so as to shed water away from the inner roof.</p> <p>G clamp secures objects in place.</p>	<p>What is a CAMS mechanism?</p> <p>What can Cams be made of?</p> <p>What are different types of Cams.</p> <p>How does the eccentric cam move?</p> <p>What is a prototype?</p>	<p>A cam mechanism is made up of three components: a cam, slider and follower. The mechanism causes components to move. Cams can be made out of metal, plastic or wood.</p> <p>There are different types of cams which create different movements: round, egg shaped, ellipse, eccentric, hexagon, snail</p> <p>The eccentric cam rotates as it fixed to the axle which is turned by the handle.</p> <p>There are a variety of products which incorporate a pulley and a drive belt and are driven by a motor or a computer</p> <p>A prototype is a first or preliminary version of a device or vehicle from which other forms are developed.</p>