


<p>EYFS</p> <p>Creating with materials</p> <p>Can I safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function?</p> <p>Can I share my creations, explaining the process I have used?</p> <p>Can I make use of props and materials when role-playing characters in narratives and stories?</p>	<p>Year 1</p> <p>Can I include individual preferences and requirements in my design?</p> <p>Can I make a stable secure?</p> <p>Can I assemble the components of my structure?</p> <p>Can I evaluate my project and adapt my design?</p> <p>Can I join fabrics together using different methods?</p> <p>Can I use a template to create my design?</p> <p>Can I join two pieces of fabric together accurately?</p> <p>Can I embellish my design using joining methods?</p> <p>Can I explore making mechanisms?</p> <p>Can I identify if food is a fruit or vegetable?</p> <p>Can I identify where plants grow and which parts we eat?</p> <p>Can I taste and compare fruit and vegetables?</p> <p>Can I make a fruit and vegetable smoothie?</p>	<p>Year 2</p> <p>Can I look at objects and understand how they move?</p> <p>Can I explore different design options?</p> <p>Can I make a moving monster?</p> <p>Can I explore the concept and features of structures and the stability of different shapes?</p> <p>Can I understand that the shape of the structure affects its strength?</p> <p>Can I make a structure according to a design-criteria?</p> <p>Can I produce a finished structure and evaluate its strength, stiffness and stability?</p> <p>Can I explain what makes a balanced diet?</p> <p>Can I explore wheel mechanisms and design a wheel?</p> <p>Can I select appropriate materials?</p> <p>Can I build and test a moving wheel?</p> <p>Can I make and evaluate a structure with a rotating wheel?</p>
<p>Year 3</p> <p>Can I explain why climate affects food growth?</p> <p>Can I understand the advantages of eating seasonal foods grown in the UK?</p> <p>Can I create a recipe that is healthy and nutritious using seasonal vegetables?</p> <p>Can I safely follow a recipe when cooking?</p> <p>Can I understand the impact of the digital revolution in the world of (DT) product design?</p> <p>Can I write a programme to initiate an LED panel after button press and/or automatically initiate using the Micro: bit light sensing, as part of an eCharm?</p> <p>Can I create and decorate a foam pouch for the eCharm using a template?</p> <p>Can I design a display badge and/or stand using CAD (computer-aided design) software for an eCharm product?</p> <p>Can I explain how pneumatic systems work?</p> <p>Can I design a toy that uses a pneumatics system?</p> <p>Can I create a pneumatic system?</p> <p>Can I test and finalise ideas against design criteria?</p> <p>Can I recognise how multiple shapes (2D and 3D) are combined to form a strong and stable structure?</p> <p>Can I design a castle?</p> <p>Can I construct 3D nets?</p> <p>Can I construct and evaluate my final product?</p> <p>Can I learn to sew cross stitch and applique?</p>	 <h1 style="color: purple;">Victoria Road Primary School Design and Technology End Points</h1>	<p>Year 4</p> <p>Can I create a range of different shaped frame structures?</p> <p>Can I design a structure?</p> <p>Can I build a frame structure?</p> <p>Can I add cladding to a frame structure?</p> <p>Can I build a car chassis?</p> <p>Can I design a shape that reduces air resistance?</p> <p>Can I make a model based on a chosen design?</p> <p>Can I assemble and test my completed product?</p> <p>Can I learn about electrical items and how they work?</p> <p>Can I analyse and evaluate electrical products?</p> <p>Can I design a product to fit a set of specific user needs?</p> <p>Can I make and evaluate a torch?</p>
<p>Year 5</p> <p>Can I understand how motors are used in electrical products?</p> <p>Can I investigate an existing product to determine the factors that affect the product's form and function?</p> <p>Can I put findings from research into practice to develop an improved product?</p> <p>Can I develop a DIY kit for another individual to assemble their product?</p> <p>Can I design a pop-up book?</p> <p>Can I follow my design brief to make a pop-up book?</p> <p>Can I use layers and spacers to cover the working of mechanisms?</p> <p>Can I create a high-quality product suitable for a target user?</p> <p>Can I explain where food comes from?</p> <p>Can I explain the term 'healthy?'</p> <p>Can I adapt a traditional recipe?</p> <p>Can I complete a food product?</p>	<p>Year 6</p> <p>Can I design a waistcoat?</p> <p>Can I mark and cut out fabric according to a design?</p> <p>Can I assemble a waistcoat?</p> <p>Can I decorate a waistcoat?</p> <p>Can I design a playground with a variety of structures?</p> <p>Can I build a range of structures?</p> <p>Can I improve and add detail to structures?</p> <p>Can I create a surrounding landscape?</p> <p>Can I write a design brief and criteria based on a client request?</p> <p>Can I write a program to include multiple functions as part of navigation device?</p> <p>Can I develop a sustainable product concept?</p> <p>Can I develop 3D CAD skills to produce a virtual model?</p> <p>Can I present a pitch to sell a product to a specified client?</p>	

