

National Curriculum 2014	Textiles	Construction	Sheet Materials	Assessment
<p>Design</p> <ul style="list-style-type: none"> Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none"> Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities <p>Evaluate</p> <ul style="list-style-type: none"> Investigate and analyse a range of existing products Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work <p>Technical knowledge</p> <ul style="list-style-type: none"> Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] <p>Cooking and Nutrition</p> <ul style="list-style-type: none"> Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques 	<p>Children will design and create a money pouch</p> <p>Skills</p> <ul style="list-style-type: none"> Create 3D product using pattern pieces and seam allowance Pin and tack fabric pieces together Join fabric using over sewing, back stitch, blanket stitch or machine stitching Combine fabrics to create more useful properties Make quality products <p>Enquiry Links</p> <hr/> <p>Food</p> <p>Children to adapt and prepare a basic biscuit recipe</p> <p>Skills</p> <ul style="list-style-type: none"> Prepare food products taking into account the properties of ingredients and sensory characteristics Taste a range of ingredients, food items to develop a sensory food vocabulary for use when designing Weigh and measure using scales Join and combine food ingredients Work safely and hygienically <p>Enquiry Links</p>	<p>Children will design and produce a moving model</p> <p>Skills</p> <ul style="list-style-type: none"> Use a cam to make an up and down mechanism Join materials using appropriate methods Build frameworks using a range of materials eg wood, card, corrugated plastic to support mechanisms <p>Enquiry Links</p>	<div style="background-color: #4a7ebb; height: 100%; width: 100%;"></div> <hr/> <p>Food</p> <p>Children to design bread for a specific occasion</p> <p>Skills</p> <ul style="list-style-type: none"> Prepare foods taking into account the properties of ingredients and sensory characteristics Select and prepare food for a particular purpose Weigh and measure using scales Decorate appropriately <p>Enquiry Links</p>	<p>Design</p> <ul style="list-style-type: none"> Are children able to use the design criteria to inform their decisions about ways to proceed? Can children Investigate products/images to collect ideas and sketch/ model alternative ideas? Are children able to develop one idea in depth using annotated diagrams? Can children develop their own prototypes? <p>Make</p> <ul style="list-style-type: none"> Can ch combine fabrics to make a money pouch, using a range of stitches? Can children make a moving model using a cam mechanism? <p>Evaluate</p> <ul style="list-style-type: none"> Can children identify what does and does not work in the product? Are children able to make suggestions as to how their design could be improved? <p>Technical Knowledge</p> <ul style="list-style-type: none"> Can children explain how a cam system works? Are children able to choose different stitches for different parts of their textile work? Can children make a simple framework from square cut timber? <p>Cooking and Nutrition</p> <ul style="list-style-type: none"> Are children able to take responsibility for following a recipe to select and weigh ingredients? Can children select from a variety of utensils and equipment?

