

	YEAR 5
Developing, planning and communicating ideas	<ul style="list-style-type: none"> • I can make sensible choices as to which material to use for my constructions • I can develop my own ideas from initial starting points • I can incorporate some type of movement into models • I can consider how to improve my construction
ASSESSMENT	<p>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</p> <p>Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design</p> <p>Can they come up with a range of ideas after they have collected information?</p> <p>Do they take a user's view into account when designing?</p> <p>Can they produce a detailed step-by-step plan?</p> <p>Can they suggest some alternative plans and say what the good points and drawbacks are about each</p>
Working with tools, equipment, materials and components to make quality products	<p>MATERIALS</p> <ul style="list-style-type: none"> • My measurements are accurate enough to ensure that everything is precise • I have ensured that my product is strong and fit for purpose • Am I motivated enough to refine and improve my product? • Do I persevere through different stages of the making process? <p>TEXTILES</p> <ul style="list-style-type: none"> • I have thought what the user would want when choosing textiles • I have thought about how to make their product attractive and strong • I can devise a prototype first • I can use a variety of joining things <p>ELECTRICAL and MECHANICAL COMPONENTS</p> <ul style="list-style-type: none"> • I can incorporate a switch into their product • I can refine my product after testing it • I can incorporate hydraulics and pneumatics
ASSESSMENT	<p>Select from and use a wider range of tools and equipment to perform practical tasks, such as cutting, shaping, joining and finishing, accurately</p> <p>Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to functional properties and aesthetic qualities</p> <p>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures</p> <p>Can they explain why their finished product is going to be of good quality?</p> <p>Can they explain how their product will appeal to the audience?</p> <p>Can they use a range of tools and equipment expertly?</p>
Evaluating processes and products	<ul style="list-style-type: none"> • I can explain how to join things in a different way • I have worked at my product even though my original idea might not have worked • I have taken time to consider how I could have made my idea better
ASSESSMENT	<p>Do they keep checking that their design is the best it can be?</p> <p>Do they check whether anything could be improved?</p> <p>Can they evaluate appearance and function against the original criteria</p>
Cooking and nutrition	<ul style="list-style-type: none"> • I know what to do to be hygienic and safe • I have thought what they can do to present my product in an interesting way
ASSESSMENT	<p>Understand and apply the principles of a healthy and varied diet</p> <p>Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques</p> <p>Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed</p>