

DT Overview by Year Group: Year 6

Developing, Planning & Communicating Ideas	Evaluating Processes & Products	Tools, Equipment, Materials & Components	Cooking And Nutrition	Textiles
<p>Y6 Emerging</p> <p>a) I can come up with a range of ideas after I have collected information.</p> <p>b) I take a user’s view into account when designing.</p> <p>c) I can produce a detailed step-by-step plan.</p> <p>d) I can suggest some alternative plans and say what the good points and drawbacks are about each.</p>	<p>Y6 Emerging</p> <p>a) I keep checking that my design is the best it can be.</p> <p>b) I check whether anything could be improved.</p> <p>c) I can evaluate appearance and function against the original criteria.</p>	<p>Y6 Emerging</p> <p>a) I can explain why my finished product is going to be of good quality.</p> <p>b) I can explain how my product will appeal to the audience.</p> <p>c) I can use a range of tools and equipment expertly.</p> <p>d) I persevere through different stages of the making process.</p>	<p>Y6 Emerging</p> <p>a) I can describe what I do to be both hygienic and safe.</p> <p>b) I can say if I have presented my product well.</p>	<p>Y6 Emerging</p> <p>a) I think what the user would want when choosing textiles.</p> <p>b) I can explain how I made my product attractive and strong.</p> <p>c) I can make up a prototype first.</p> <p>d) I can use a range of joining techniques.</p>
<p>Y6 Expected</p> <p>a) I can use a range of information to inform my design.</p> <p>b) I can use market research to inform plans.</p> <p>c) I can work within constraints.</p> <p>d) I can follow and refine my plan if necessary.</p> <p>e) I can justify my plan to someone else.</p> <p>f) I consider culture and society in my designs.</p>	<p>Y6 Expected</p> <p>a) How well I test and evaluate my final product.</p> <p>b) I know if it is fit for purpose.</p> <p>c) I know what would improve it.</p> <p>d) I can say if different resources would have improved my product.</p> <p>e) I can say if I need more or different information to make it even better.</p> <p>f) I can say if my product meets all design criteria.</p> <p>g) I consider the use of the product when selecting materials.</p>	<p>Y6 Expected</p> <p>a) I can use tools and materials precisely.</p> <p>b) I change the way I am working if needed.</p>	<p>Y6 Expected</p> <p>a) I can explain how my product should be stored with reasons.</p> <p>b) I can set out to grow my own products with a view to making a salad, taking account of time required to grow different foods.</p>	<p>Y6 Expected</p> <p>a) I have thought about how my product could be sold.</p> <p>b) I have given considered thought about what would improve my product even more.</p>

Electrical & Mechanical Components	Use Of Materials	Construction	Mouldable Materials
<p>Y6 Emerging</p> <ul style="list-style-type: none"> a) I can incorporate a switch into my product. b) I can refine my product after testing it. c) I can incorporate hydraulics and pneumatics. 	<p>Y6 Emerging</p> <ul style="list-style-type: none"> a) My measurements are accurate enough to ensure that everything is precise. b) I can explain how I have ensured that my product is strong and fit for purpose. 	<p>Y6 Emerging</p>	<p>Y6 Emerging</p> <ul style="list-style-type: none"> a) I am motivated enough to refine and further improve my product using mouldable materials.
<p>Y6 Expected</p> <ul style="list-style-type: none"> a) I can use different kinds of circuit in my product. b) I can think of ways in which adding a circuit would improve my product. 	<p>Y6 Expected</p> <ul style="list-style-type: none"> a) I can justify why I selected specific materials. b) I have ensured that my work is precise and accurate. c) I can hide joints so as to improve the look of my product. 	<p>Y6 Expected</p>	<p>Y6 Expected</p> <ul style="list-style-type: none"> a) I can justify why the chosen material was the best for the task. b) I can justify design in relation to the audience.