

DT Overview by Year Group: Year 5

| Developing, Planning & Communicating Ideas | Evaluating Processes & Products | Tools, Equipment, Materials & Components | Cooking And Nutrition | Textiles |
|--|--|--|--|---|
| <p>Y5 Emerging</p> <p>a) I can come up with at least one idea about how to create my product.</p> <p>b) I take account of the ideas of others when designing.</p> <p>c) I can produce a plan and explain it to others.</p> <p>d) I can suggest some improvements and say what was good and not so good about my original design.</p> | <p>Y5 Emerging</p> <p>a) I have thought of how I will check if my design is successful.</p> <p>b) I can begin to explain how I can improve my original design.</p> <p>c) I can evaluate my product, thinking of both appearance and the way it works.</p> <p>d) I take time to consider how I could have made my idea better.</p> | <p>Y5 Emerging</p> <p>a) I can tell if my finished product is going to be good quality.</p> <p>b) I am conscience of the need to produce something that will be liked by others.</p> <p>c) I can show a good level of expertise when using a range of tools and equipment.</p> <p>d) I work at my product even though my original idea might not have worked.</p> | <p>Y5 Emerging</p> <p>a) I know what to do to be hygienic and safe.</p> <p>b) I have thought what I can do to present my product in an interesting way.</p> | <p>Y5 Emerging</p> <p>a) I think what the user would want when choosing textiles.</p> <p>b) I have thought about how to make my product strong.</p> <p>c) I can devise a template.</p> <p>d) I can explain how to join things in a different way.</p> |
| <p>Y5 Expected</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>Y5 Expected</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>Y5 Expected</p> <p>a) I can explain why my finished product is going to be of good quality.</p> <p>a) I can explain how my product will appeal to the audience.</p> <p>b) I can use a range of tools and equipment expertly.</p> <p>c) I persevere through different stages of the making process.</p> | <p>Y5 Expected</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>Y5 Expected</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> |

| Electrical & Mechanical Components | Use Of Materials | Construction | Mouldable Materials |
|---|---|---------------------------|--|
| <p>Y5 Emerging</p> <p>a) I can add things to my circuits.</p> <p>b) I can say how I have altered my product after checking it.</p> <p>c) I am confident about trying out new and different ideas</p> | <p>Y5 Emerging</p> <p>a) I can measure carefully so as to make sure I have not made mistakes.</p> <p>b) I can say how I have attempted to make my product strong.</p> | <p>Y5 Emerging</p> | <p>Y5 Emerging</p> <p>a) I can use a range of advanced techniques to shape and mould.</p> <p>b) I use finishing techniques, showing an awareness of audience.</p> |
| <p>Y5 Expected</p> <p>a) I can incorporate a switch into my product.</p> <p>b) I can refine my product after testing it.</p> <p>c) I can incorporate hydraulics and pneumatics.</p> | <p>Y5 Expected</p> <p>a) My measurements are accurate enough to ensure that everything is precise.</p> <p>b) I can explain how I have ensured that my product is strong and fit for purpose.</p> | <p>Y5 Expected</p> | <p>Y5 Expected</p> <p>a) I am motivated enough to refine and further improve my product using mouldable materials.</p> |