

Design and Technology Key Assessment Criteria

Year 1

1. I can use my own ideas to make something
2. I can explain to someone else how I want to make my product
3. I can make a simple plan before making
4. I can choose appropriate resources and tools
5. I can cut food safely
6. I can make a product, which moves
7. I can make my model stronger
8. I can describe how something works

Year 2

1. I can think of an idea and plan what to do next. ☒
2. I can choose tools and materials and explain why I have chosen them. ☒
3. I can join materials and components in different ways. ☒
4. I can explain what went well with my work. ☒
5. I can measure materials to use in a model or structure. ☒

Year 3

1. I can use ideas from other people when I am designing.
2. I can follow a step-by-step plan, choosing the right equipment and materials. ☒
3. I can design a product and make sure that it looks attractive. ☒
4. I can evaluate my own work and suggest improvements. ☒
5. I can select the most appropriate tools and techniques for a given task. ☒
6. I know how to be both hygienic and safe when using food.
7. I can describe how food ingredients come together. ☒

Year 4

1. I can use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose.
2. I can select from and use a wider range of tools and equipment to perform practical tasks accurately.
3. I can select from and use a wider range of materials and components, according to their functional properties and aesthetic qualities.
4. I understand and can use mechanical systems in my products (linkages).
5. I can investigate and analyse a range of existing products.
6. I can evaluate and suggest improvements for my designs, explaining how I have improved my original design.
7. I can prepare and cook a savoury dish using a range of cooking techniques, knowing where and how ingredients are grown and processed.

Year 5

1. I can come up with a range of ideas after collecting information from different sources. ☒
2. I can produce a detailed, step-by-step plan. ☒
3. I can suggest alternative plans; outlining the positive features and draw backs. ☒
4. I can explain how a product will appeal to a specific audience. ☒
5. I can evaluate appearance and function against original criteria. ☒
6. I can use a range of tools and equipment competently. ☒
7. I can make a prototype before make a final version. ☒
8. I show that I can be both hygienic and safe in the kitchen. ☒

Year 6

1. I can use market research to inform my plans and ideas. ☒
2. I can follow and refine my plans. ☒
3. I can justify my plans in a convincing way. ☒
4. I can show that I consider culture and society in my plans and designs. ☒
5. I show that I can test and evaluate my products. ☒
6. I can explain how products should be stored and give reasons. ☒
7. I can work within a budget. ☒
8. I can evaluate my product against clear criteria. ☒