

Design and Technology – Lower Key Stage 2

Developing, planning and communicating ideas

- I can show that my design meets a range of requirements.
- I can put together a step-by-step plan which shows the order and also what equipment and tools I need.
- I can describe my design using an accurately labelled sketch and words.
- I can make a realistic plan.
- I can come up with at least one idea about how to create my product.
- I can take account of the ideas of others when designing.
- I can suggest some improvements and say what was good and not so good about my original design.

Developing, planning and communicating ideas

- I can use equipment and tools accurately.
- I can tell if my finished product is going to be good quality
- I am conscious of the need to produce something that will be liked by other
- I can show a good level of expertise when using a range of tools and equipment.
- I can work at my product even though my original idea might not have worked.

Evaluating processes and products

- I can explain what I changed which made my design even better.
- I can think of how I will check my design is successful.
- I can begin to explain how I can improve my original design.
- I can evaluate my product, thinking of both appearance and the way it works.

Breadth of study

Cooking and nutrition

- I can choose the right ingredients for a product.
- I can use equipment safely.
- I can make my product look attractive.
- I can describe how my combined ingredients come together.
- I can set out to grow plants such as cress and herbs from seed with the intention of using them for my food product.
- I know what to do to be hygienic and safe.
- I know what I can do to present my product in an interesting way.

Electrical

- I can make a simple circuit.
 - I can add things to my circuits.
 - I can alter my product after checking it.
- I am confident about trying out new and different ideas.

Mechanisms & Structures

- I can select the most appropriate tools and techniques to use for a given task.
- I can use the most appropriate materials.
- I can make a product which uses mechanical components.
- I can work accurately to make cuts and holes.
- I can join materials.
- I can use a range of techniques to shape and mould
- I can use finishing techniques, showing an awareness of audience.
- I can measure carefully so as to make sure I have not made mistakes.
- I have attempted to make my product strong.
- I can think about how to make my product stronger.
- I can devise a template
- I can explain how to join things in a different way.