End of Year Expectations
Design and Technology Y2

Design

As a design and technologist:

Can I explore how products have been created?

Can I design products that have a clear purpose and an intended user?

Can I use software to design?

Can I make diagrams to show my design?

Can I develop my own design criteria?

Make

As a design and technologist:

Can I cut safely using tools provided?

Am I beginning to demonstrate a range of cutting and shaping techniques such as tearing, cutting and folding?

Am I beginning to demonstrate a range of joining techniques such as gluing and combining materials to strengthen?

Evaluate

As a design and technologist:

Am I beginning to explore objects to identify likes and dislikes of the designs?

Am I beginning to suggest improvements to existing designs?

Can I evaluate my design or product against given design criteria?

Am I beginning to show an understanding of how historical events or people have helped shape the technological world today?

Technical Knowledge

As a design and technologist:

Am I beginning to use my understanding of materials and their properties to strengthen, stiffen or reinforce products?

Am I developing an understanding of how to use mechanical systems like gears, pulleys, levers and linkages in my designs and products?

Am I developing an understanding of how use simple electrical circuits that include switches and bulbs?

Am I beginning to develop my knowledge of computing to program, monitor or control my product?

Cooking and Nutrition

As a design and technologist:

Am I beginning to talk about how to be healthy?

Am I beginning to show understanding of a varied diet?

Can I show some understanding about where different foods come from?

Can I cut, peel or grate ingredients safely and hygienically with some support?

Am I beginning to measure or weigh using measuring cups or electronic scales?

Am I beginning to assemble or cook ingredients?

Can I show some understanding of safety when cooking ingredients?