



## End of Year Expectations Design and Technology Y1

### Design

As a design and technologist:

- Am I beginning to explore how products have been created?
- Can I design products that have a clear purpose and an intended user with support?
- Can I make simple diagrams to show my design?
- Can I develop design criteria with a group?

### 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?