



BAYSIDE  
ACADEMY

### **Design and Technology Vision Statement**

At Bayside Academy, we believe that Design and Technology is about providing children with the opportunity to use their creativity and imagination in order to design and make real and relevant products. Design and Technology develops children's skills and knowledge in design, structures, mechanisms, electrical control and to use a range of materials, including food. Through the study of Design and Technology, we combine practical skills with the knowledge required for children to design and make their products. We allow children to look at the products from the past in order to make those for the future.

As outlined in the National Curriculum document, we follow a 'Design, Make, Evaluate' approach to the teaching and learning of Design and Technology. In order to embed this process.

Our curriculum uses a number of strands to support and develop the children's skills:

- Everyday products
- Electricity
- Mechanisms and movement
- Generation of ideas
- Structures
- Investigation
- Evaluation
- Materials for purpose
- Food, preparation and cooking
- Nutrition
- Origins of food
- Significant people

We believe that our curriculum prepares children to deal with the changing world in which we live in. We want to nurture and develop the next generation of designers. Our aim is to encourage children to become independent, creative problem solvers and thinkers as individuals and part of a team. Most importantly, we want children to enjoy the products they design and make and strive to improve their skills during their time at Bayside Academy.