



## Design and Technology

### **Intent**

We believe that all children in our school should have the opportunity to develop a creative mindset, become innovative designers and to critically evaluate their own work. We think that it is vital that children have access to a wide range of materials and resources that can allow them to experiment with design, technique and creativity. The problem solving and critical thinking skills acquired through design technology lessons will be used across the whole school curriculum.

### **Implementation**

Throughout the school, we will implement well-balanced design technology lessons that include a mixture of theory and design, hands on building and critical evaluation of design and end products including self and peer evaluations. We will provide the children with ample opportunities to use a wide range of resources to create 3D structures and models, experiment with different ingredients and flavours and work as part of a team to resolve different scenarios. Children will have the opportunity to meet people working in different sectors across the community in order to broaden their career aspirations.

### **Impact**

Using our curriculum, we want more of our children to strive to independently seek out opportunities within the technological community, including career opportunities such as engineers, chefs, scientists and mathematicians. Our design technology curriculum will ensure that all children are provided with ample opportunities to achieve these ambitious goals. We want our children to apply their skills into the wider community and their future careers.