



## **Curriculum Intent Statement: Design and Technology**

Design and Technology at Godwin Junior School enables children to use their curiosity, imagination and understanding to plan and create products and food that solve real and relevant problems within a variety of contexts. In forging links with other curriculum areas such as science and maths, we ensure that our pupils' learning is meaningful and that knowledge, skills and understanding are embedded. By presenting children with genuine issues, we seek to inspire them to take creative risks, respond innovatively to a design brief, be resourceful, test and critically evaluate the ideas and prototypes they and others produce.

Through careful progression in our Design and Technology curriculum, children acquire and refine a broad range of skills and knowledge, which they are then able to apply confidently, safely and hygienically when selecting tools, equipment, materials, ingredients and techniques. In developing this practical expertise to perform everyday tasks assuredly, we support our children to become capable citizens who are able to participate successfully in an increasingly technological world.

When working both independently and collaboratively, children are able to research and develop design criteria as well as generate and communicate their ideas in a variety of ways. By learning about and reflecting on the impact on the world of key events and individuals in design and technology, pupils can evaluate past and present innovations and produce and understand their significance. This then supports them to design and make high-quality products themselves.