



### Design Technology Mission Statement

*"A fundamental part of that is making mistakes together. There's no learning without trying lots of ideas and failing lots of times."*

*Jonny Ive- Senior Vice President of Design at Apple.*

### Design Technology at the Woodland Federation

At both of our schools, our mission is to create a superb learning community that challenges children to acquire a thirst for knowledge. Design technology teaches children how to develop, plan and communicate ideas. In it, they learn how to work with tools, equipment, materials and components to make quality products.

At The Woodland Federation children learn design and technology is an inspiring, rigorous and practical subject. Using their creativity and imagination, they design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. Children draw on disciplines such as mathematics, science, engineering, computing and art. Our federation promotes taking risks, become resourceful, innovative, enterprising and capable citizens. Design technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

Our curriculum has been designed to ensure links are made to both past and future learning, allowing children to build and consolidate their substantive knowledge throughout their education. By ensuring children have a secure understanding of key innovations of the past, we believe they will be able to talk about how design technology has shaped our lives and will continue to shape the future. At the Woodland Federation, we pay close attention to the vocabulary required by a child to explain their thinking, to ask and answer questions and to draw conclusions.

The Learning Objectives of each lesson draw from knowledge and skills taken directly from The National Curriculum. We have carefully selected key concepts to link learning to the wider curriculum. We are proud of the curriculum we have developed and believe the sequential nature and carefully planned lessons within our whole school planning allows our children to become passionate creators.

*"Designing is a way that you demonstrate that you care for the people that you are making these products for. I think we see ourselves as having a civic responsibility to do that. It's important. It's right. It's very hard to explain why"* Jonny Ive- Senior Vice President of Design at Apple.