

# Nun Monkton Foundation Primary School

*"Be curious, be brave and believe"*



## DESIGN & TECHNOLOGY STATEMENT OF INTENT

### **INTENT**

Our approach to design & technology aims to allow children inspirational opportunities to learn and use practical skills to design and make products that solve and enhance user experiences within a variety of contexts. Children at Nun Monkton Primary School will be taught a broad range of skills knowledge across various disciplines including mathematics, science, engineering, computing, forest skills and art.

We encourage children to develop their own ideas and adapt and enhance these to facilitate the requirements of the brief.

We develop children's skills through teaching use of different tools and their applications for different purposes.

We inspire creative thinking and reflection within design and technology through the design, make and evaluate process.

### **IMPLEMENTATION**

#### EYFS

In Early Years, children will be offered many opportunities to make and create in a free-flow play environment.

Teachers will model safe and effective use of basic tools used within arts and design

Children will be offered opportunities to discuss their creations to verbally evaluate their work.

#### KS1 & KS2

In Key stages 1 and 2 children will follow the design, make, create process outlined in the National Curriculum. Teachers will plan engaging and inspirational units that link in with other subject areas where appropriate or follows the interests of the children. Children will be offered the opportunity to explore example products to inspire their curiosity and creativity before designing their own products. Within the make phase, children will be taught skill to enable them to independently make their own creations. Evaluation will then take place in either a verbal, discussion-based means or in a formal written format.

### **IMPACT**

At Nun Monkton Primary School, our Design & Technology curriculum equips children with the practical skills, creative thinking, and problem-solving abilities needed to become innovative designers and makers. Through engaging, hands-on experiences, children develop confidence in using tools, materials, and techniques across a variety of disciplines, including mathematics, science, engineering, computing, forest skills, and art.

By fostering curiosity and resilience, children learn to generate and refine ideas, adapting their designs to meet specific needs. The design, make, and evaluate process enables them to think critically about their work, reflect on improvements, and develop a deeper understanding of how products are designed for functionality and user experience.

In Early Years, our free-flow environment nurtures exploration and creativity, laying the foundation for problem-solving and fine motor skill development. As children progress through Key Stages 1 and 2, they engage in structured projects that encourage independence, collaboration, and real-world application. Through meaningful cross-curricular links and exposure to high-quality examples, they gain the confidence to experiment, innovate, and persevere in their creations.

By the end of their journey at Nun Monkton Primary School, children will have a strong foundation in design and technology, preparing them with essential skills for the future and instilling a lifelong appreciation for creativity, craftsmanship, and innovation.

**Our DT teaching and learning supports the following school aims:**

- Enable children to become **independent** and **confident** learners; **well-rounded** characters who are **self-aware**, **reflective** and **resilient** individuals.
- **Care for and about each other**, be **courteous** and **empathetic**, showing **respect** and **understanding** towards everyone.
- Create a **safe and stimulating** place where children are **happy** and **enthusiastic** learners, where they learn how to keep themselves **safe and healthy**, able to **communicate** & work in a **team**, developing **confidence** and **life skills** together.
- Encourage everyone to have **high expectations** of **themselves and others**, **supporting** and **challenging** everyone to **achieve** their best, developing a strong **work ethic**, **self-motivation** and taking **pride** in their achievements.
- Enable children to develop an **understanding of the wider world** through learning and exposure to a **variety of cultures**, **ideas** and **beliefs**, **respecting** and **recognising individuality** and **diversity**.
- Provide a **wide range of interesting and exciting learning opportunities** to **enthuse** everyone to be lifelong learners, through engagement in a curriculum that instils **values for life** and **prepares pupils** for wherever their journey takes them as adults.