



Old Hutton CE Primary School

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

Through accessing our Design and Technology curriculum from EYFS to Y6, our pupils will progressively build the knowledge and skills which will give them the **essential characteristics of designers and technicians**:

- Significant levels of originality and the willingness to take creative risks to produce innovative ideas and prototypes.
- An excellent attitude to learning and independent working.
- The ability to use time efficiently and work constructively and productively with others.
- The ability to carry out thorough research, show initiative and ask questions to develop an exceptionally detailed knowledge of users' needs.
- The ability to act as responsible designers and makers, working ethically, using finite materials carefully and working safely.
- A thorough knowledge of which tools, equipment and materials to use to make their products.
- The ability to apply mathematical knowledge.
- The ability to manage risks exceptionally well to manufacture products safely and hygienically.
- A passion for the subject and knowledge of, up-to-date technological innovations in materials, products and systems.
- A passion for and commitment to a diverse range of Design and Technology activities, fostered by our curriculum through **learning from experienced teachers and experts in the DT field, including in the context of special projects, events, competitions and visits out of school.**

Set in the context of our Old Hutton School **Whole Curriculum Intent Overview Statement and Guarantee to Learners**, the detail of our own Old Hutton School Design and Technology Curriculum and how learning for our pupils progresses from EYFS to Y6 is described in the following documents:

- **Design and Technology in EYFS**
- **Design and Technology Long Term Planning and Assessment KS1 & KS2 (Y1-Y6)**

These documents include the EYFS Framework 2021 and National Curriculum (2013 & updates) statutory requirements and are informed by the Chris Quigley Essentials Curriculum. Progression is shown and assessed through KS1 and KS2 via the Milestones of learning to be reached (Milestone 1 = Y1/2, Milestone 2 = Y3/4, Milestone 3 = Y5/6); these Milestones are ambitious and aspire towards acquisition of mastery and depth of learning in each aspect of the subject. The EYFS and Long Term Planning and Assessment documents clearly set out the content of teaching and learning in the subject; are used by teachers to plan lessons to progressively build knowledge and skills; and used by teachers and learners to assess the depth of learning acquired.

*For more information about our curriculum, examples of the implementation of our planning and demonstration of its impact through pupils' work, please get touch with us in school via:*

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