

## Design and Technology at Southover School

### Intent

At Southover Primary School, we have designed our Design and Technology (D&T) curriculum with the intent that our children will gain a practical understanding of the world around them and become resilient, independent, creative thinkers with the confidence to use, and build on, their learning outside of the classroom.

We will deliver a curriculum that:

- Develops a curiosity and interest and creativity which will continue beyond the classroom.
- Facilitates creative learning that provides opportunity for the development of higher order thinking skills.
- Allows children to design and produce functional, appealing products that are aimed at particular individuals or groups and are fit for purpose.
- Promotes analytical thinking, in identifying the features, problems and solutions in products.
- Will challenge children to research information and think for themselves, give reasoned answers, work independently, be enterprising and develop good resilience and attitudes to learning.
- Builds on prior learning and promotes the progression of skills.
- Creates a fun, vibrant and engaging environment and memorable learning experiences.
- Allows children to consider the views of others and evaluate their ideas and products against their own design criteria to improve their work.

### Disabilities & Equalities Statement

All children are given full access to the National Curriculum/EYFS Statutory Framework. Staff will endeavour to ensure that all children reach their potential, irrespective of race, gender, age, home-background or ability. Southover is committed to promoting equality. When planning and teaching, staff will make reasonable adjustments to promote equality of opportunity. Adaptations can be made to meet a child's special need including different tools, support or tasks

### Implementation

The curriculum incorporates the statutory requirements of the National Curriculum 2014 alongside other experiences and opportunities which best meet the learning and developmental needs of the children in our school.

All children follow a program of progressive skills in design and technology taking place in discrete DT lessons or as part of cross-curricular topic work.

Children will have opportunities to design, make and evaluate products to a given brief.

Children will build on their technical knowledge through a progression of skills.

As part of our annual STEM week, children will have opportunities to explore a range of design and technology experiences with a vibrant and engaging week. This is learning at its best.

*All children will have opportunities for cooking each year.*

### **Impact**

*Each pupil will have:*

- Been able to collaborate, learn from, understand and react to each other's perspectives and strengths.*
- Experienced design and technology as an enjoyable, creative engaging academic outlet which will continue into KS3 and can be seen as a career option.*
- An insight and curiosity to consider that each product in the real world has been designed engineered to a particular brief.*
- Children will move through, and leave the school, with the confidence that they can design, make and change products*