**Intent**

*At Swain House Primary School, we believe that, the Design and Technology curriculum should:*

* Inspire pupils to be innovative and creative thinkers, who have an appreciation for the product design cycle through ideas, creation and evaluation
* Enable pupils to develop the confidence to take risks, through drafting design concepts, modelling and testing
* Ensure pupils have an understanding of the impact of design and technology on their lives and on others, to encourage them to become imaginative, inventive and enterprising citizens
* Provide an exciting, engaging curriculum where our pupils experience hands on learning and expert visitors to enhance their understanding of design and technology
* Provide a design and technology curriculum with appropriate subject knowledge, skills and understanding as set out in the National Curriculum Design and Technology Programmes of study

**Implementation**

*The Kapow Design and Technology scheme of work consists of four strands that run throughout. These are:*

* Design
* Make
* Evaluate
* Technical Knowledge

By following the Kapow units, children will develop knowledge and skills in:

* Cooking and Nutrition
* Mechanisms/Mechanical Systems
* Structures
* Textiles
* Electrical Systems
* Digital World

Each year group will cover three Design and Technology units throughout the year, following the Kapow scheme.

These will alternate with an Art&Design unit each half term.

Design and Technology units are taught as a weeklong block of lessons each time.

**Impact**

*At Swain House Primary School, we will measure the impact of our Design and Technology Curriculum through the use of*:

* Summative assessment
* The school website, where photographs or videos of learning can be uploaded
* Images/ videos
* Pupil interviews
* Design and Technology books
* Learning walks

Children will meet the end of key stage expectations outlined in the National Curriculum for Design and Technology