

## 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.
- Enrich children's learning further by becoming more inspired through creativity and problem solving.

## 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
- Cross curricular learning

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