

## Design and Technology Curriculum Intent Statement

### Intent

At Ecton Village Primary Academy Design and Technology Curriculum aims to ensure that pupils are equipped to successfully think, work and communicate like a designer. The curriculum is ambitious and focuses on excellence in this subject through a range of disciplines and by referencing outstanding practitioners in this field. The intention is that pupils are inspired to acquire knowledge as designers and technologists and enables them to skilfully apply their understanding.

### Implementation

Design and Technology is delivered through the CUSP curriculum. The curriculum is organised into blocks with each block covering a particular set of disciplines, including food and nutrition, mechanisms, structures, systems, electrical systems, understanding materials and textiles.

In addition to the core knowledge required to be successful within each discipline, the curriculum outlines key aspects of development in the Working as a Designer section. Each module focuses on promoting different aspects of these competencies.

Children undertake the processes of:

- **Design** – the art of process or deciding how something will look or work.
- **Make** – create something by combining materials or putting parts together
- **Evaluate** – form an opinion of the value or quality of something after careful thought.
- **Apply** – use something or make something work in a particular situation.

At the heart of each learning module learning module are activities designed to develop pupils' oracy and vocabulary skills to enable them to use the language associated with design and technology meaningfully when talking about their work and the work of others.

### Impact

Children at EVPA will be able to use the language of design and technology effectively; they will explain techniques, skills and processes and evaluate their own and others' work. The learning cumulates in an exhibition of their work, curated, presented and hosted by the children in which they discuss their work, answer questions and share feedback about their peers' work.