

## Curriculum Intent Statement for DT

### Our School Vision

*“We aim to inspire the members of our community to follow God’s light and as a result: form caring relationships, have high aspirations, embrace all opportunities, appreciate diversity, give generously and show environmental responsibility.*

*In achieving our mission, we can all make a positive contribution to our global society.”*

*“I am the light of the world. If you follow me, you won’t have to walk in the darkness, because you will have the light that leads to life.” John 8:12*

### Curriculum Intent

At Seend C of E Primary School, our curriculum pledge is;

- We promise that we will have the highest expectations for all
- We promise we will uphold our school Christian values
- We promise we will all be inspired, excited, engaged and curious learners
- We promise to nurture lifelong learning.

*“It’s through mistakes that you actually can grow. You have to get bad in order to get good.” – Paula Scher*

### Whole School Curriculum Intent

At Seend, children receive a design and technology (D&T) curriculum which allows them to exercise their creativity through designing and making. The children are taught to combine their designing and making skills with knowledge and understanding in order to design and make a product. Skills are taught progressively to ensure that all children are able to learn and practice in order to develop as they move through the school. Evaluation is an integral part of the design process and allows children to adapt and improve their product, this is a key skill which they need throughout their life. D&T allows children to apply the knowledge and skills learned in other subjects, particularly Maths, Science and Art. Children’s interests are captured through themed learning, ensuring that links are made in a cross curricular way, giving children motivation and meaning for their learning. Children will learn basic cooking skills.

## Implementation

What do we teach? What does this look like?

Our whole curriculum is shaped by our school vision which aims to enable all children, regardless of background, ability, additional needs, to flourish to become the very best version of themselves they can possibly be.

We teach the National Curriculum, supported by a clear skills and knowledge progression. This ensures that skills and knowledge are built on year by year and sequenced appropriately to maximise learning for all children.

All teaching of DT should follow the design, make and evaluate cycle. Each stage should be rooted in technical knowledge. The design process should be rooted in real life, relevant contexts to give meaning to learning. While making, children should be given choice and a range of tools to choose freely from. To evaluate, children should be able to evaluate their own products against a design criteria. Each of these steps should be rooted in technical knowledge and vocabulary. DT should be taught to a high standard, where each of the stages should be given equal weight.

The key skills we teach the children are:

- sewing and textiles
- cooking and nutrition
- electrical and mechanical components
- using materials

## Impact

What will this look like? By the time children leave our school they will:

- 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 and skills accurately.
- The ability to manage risks exceptionally well to manufacture products safely and hygienically.
- A passion for the subject.