



Our Design and Technology Curriculum at Deeping St. James



Intent Statement

At Deeping St James Community Primary School, our ambition for the Design and Technology curriculum is to deliver a high-quality education that provides the children with the necessary skills and knowledge to develop a love of all areas of the Design and Technology curriculum.

Our hope is that our Design and Technology curriculum enables children to leave DSJ with the necessary skills to become resourceful, innovative, enterprising and capable citizens of the future who are able to participate successfully in an increasingly technological world.

Our intent is to ensure that during their time here, children will learn the necessary skills to be able to design and make products that solve real and relevant problems relating to a variety of contexts within their school learning but also that will have an impact on their knowledge and understanding of the wider world.

We will provide an environment and curriculum that enables them to apply their skills in maths, science, computing and art to give their work purpose and enable them to work in a cross-curricular way. We have a belief system at our school in taking risks and encourage children to do this in all areas of their work, particularly Design and Technology, in order to learn that taking risks is positive and that we learn from our mistakes.

We hope that through high quality teaching and experiences, our children will be empowered to produce work that is creative, imaginative and most of all, that they are proud of. We want children of all academic abilities to be able to work on a practical level and develop problem-solving skills that they will be able to draw upon throughout their school life and beyond.

Implementation

At DSJ, the teaching and implementation of the Design and Technology curriculum is based on the National Curriculum. Children will be given opportunities to explore ideas. To design, redesign and build upon ideas. We want them to feel confident about evaluating their own work and also the work of others

As the children move through the year groups, we aim for them to build upon previously taught skills as well as experiencing new learning.

Our 4 Learning Behaviours are the Golden Thread that flows through our whole curriculum.

All staff have access to a progression in skills document to ensure that a range of skills are covered in each year group and that progression will take place. Teachers plan to ensure that skills are taught and applied in stand-alone DT lessons, but wherever possible, projects are based upon or link to the current class topic to give purpose and relevance.

Lessons are taught on a half-termly basis, with the other half of the term designated to the Art and Design curriculum.

Impact

Formal assessments are not completed for Design and Technology. Teachers will mark work when completed and feedback to the children as necessary. Parents are informed of effort and attainment in the annual school report.

The Design and Technology curriculum lead holds pupil voice interviews to ascertain the children's knowledge and enthusiasm for the subject. The curriculum lead will also spend time monitoring planning and work to ensure that expectations for progression and coverage are being met in all year groups.