St Marie's Design and Technology Curriculum

Intent

We provide our children with a broad range of practical experiences including using a variety of materials, mechanisms, textiles. The curriculum also includes an understanding of electrical systems, and food and nutrition. Our children have the opportunity to create innovative designs which solve real and relevant problems within a variety of different contexts. As part of developing their skills and knowledge, our children can follow a process when making their products that includes looking at other designs available and using ideas from these and the world around them to be able to design their own. The children develop their problem-solving skills and resilience during the making process, and at the end be able to reflect on and evaluate their work. Children have the opportunity to evaluate the work of key designers and events in history and to look at the impact their designs have had.

Implementation

At St. Marie's our DT learning is covered throughout the year. It is incorporated into other areas of our learning where appropriate. From EYFS to Y6, the children will develop different skills. This will include following a Design, Make and Evaluate approach. There is progression made within the technical knowledge from key stage to key stage.

Impact

Design and Technology is loved by children across the school. Using the Design, Make, Evaluate approach, children will be able to create products through a design process.

Children use technical vocabulary accurately and are expected to know, apply and understand skills and processes specified for each year group.

Children will become more confident in analysing their work and giving their opinion on their own and other products, including being able to self and peer evaluate. Children show their resilience and perseverance by continually evaluating and improving their work. All children in school can speak confidently about their design and technology work and their skills.