



# ST PIUS X RCVA PRIMARY SCHOOL

## Design Technology Curriculum Statement

### Intent

Design and Technology prepares children to deal with tomorrow's rapidly changing world. It encourages children to become independent, creative problem solvers and thinkers as individuals and part of a team. It enables them to identify needs and opportunities and to respond to them by developing a range of ideas and by making products and systems. Through the study of Design and Technology, they combine practical skills with an understanding of aesthetic, social and environmental issues as well as functions and industry. We encourage pupils to reflect and evaluate past and present technology, its uses and impacts. Design and Technology topics are planned and delivered through our Durham planning cycles and are based on the National Curriculum 2014 guidelines.

We intend that our pupils will develop creative, technical and practical expertise needed to perform everyday tasks confidently. We promote a progression of skills so we can build upon pupils' knowledge and understanding. We intend that children will develop good evaluation skills. We endeavour to include food technology as part of our offer to support an understanding of basic cooking and food preparation and an awareness of good nutrition.

### Implementation

The delivery of the Design Technology curriculum is through a Durham Long Term plan and links to cross curricular links where possible to do so. It is cross-curricular and draws upon subject knowledge and skills within Mathematics, Science, History, Geography, Computing and Art. Children learn to take risks and be reflective, innovative, enterprising and resilient. Through the evaluation of past and present technology they can reflect upon the impact of design and Technology in everyday life and the wider world. A unit of work will be delivered each term as a minimum but other cross curricular opportunities will be explored as opportunities arrive or when real life situations present a learning opportunity.

Impact: Our Design and Technology Curriculum is high quality, well thought out and is planned to demonstrate progression year on year, giving pupils the skills and knowledge and vocabulary that they need to move forward in their learning, alongside opportunities to apply their knowledge to different situations. If children are keeping up with the curriculum, they are deemed to be making good or better progress. In addition, we measure the impact of our curriculum through the following methods:

- Pupil discussions about their learning; which includes discussion of their thoughts, ideas, processing and evaluations of work.
- A reflection on standards achieved against the planned outcomes;
  - Evidence in pupil sketchbooks, photographic evidence and documented progress and outcomes in class big books.