

Curriculum Statement

Design & Technology

Intent

We believe that Design Technology helps children to become problem solvers through practical tasks, using creativity and imagination. We wish for children to take every day or familiar objects and investigate how they actually work and who they are really aimed at.

We will:

- Teach design and technology as an inspiring and practical subject.
- Work with a variety of materials and through the new skills they learn, so children get to design, make and evaluate a range of products.
- Provide opportunities for children to work individually or as a team to design and create things in a variety of different ways
- Enable and inspire children to become innovators
- Teach a varied and balanced design and technology curriculum, progresses skills and extends knowledge and vocabulary each year
- Support our children in developing a critical understanding of design and technology and its impact on daily life and the wider world
- Promote cooking skills and children's enjoyment of this, whilst educating the importance of a balanced and varied diet
- Make cross curricular links with design technology to other subjects where this is possible to make the subject relevant and meaningful

Implementation

Whilst delivering this curriculum, we ensure that technology is progressive throughout the primary school years, providing the pupils with new, more complex challenges as their primary age progresses. We implement our intent through:

- Using a wide variety of quality resources tools and materials, empowering children to make informed choices on which to use
- Staff following the knowledge and skills progression document and whole school overview to plan for the year. Furthermore, take into account the wide variety of abilities; creating equity for each pupil they teach and refer to the Inclusion strategies document for guidance.
- Teachers critically evaluate the needs of their class in relation to the skills and progression grids, choosing appropriate influential figures to study and communicating this frequently so that a broad variety of skills can be explored throughout a child's primary school life rather than repeated.
- Educational visits and outside visitors planned where possible.
- DT planned into other elements of the curriculum and enrichment activities to provide further opportunities for children to develop their schools.

Impact

The Design and Technology curriculum at St. George's is designed to give pupils opportunities to develop skills in designing and making food products, textiles products, structures and mechanisms which at times will incorporate using electrical components. This is an ideal springboard for the development of collaborative working and will encourage evaluations of the pupils' own ideas and products.

We will know our impact has been effective through:

- Children's understanding, knowledge and skills are monitored by class teachers and subject leaders. This is then used to inform differentiation, challenge and support.
- Assessment is used to inform future delivery of these sessions
- The children's DT project work will have a clear outcome and purpose, making this relevant, real-life and meaningful to learners
- Children will be able to work effectively both collaboratively and independently. The children exhibit creativity and confidence which can be evident in other areas of the curriculum.