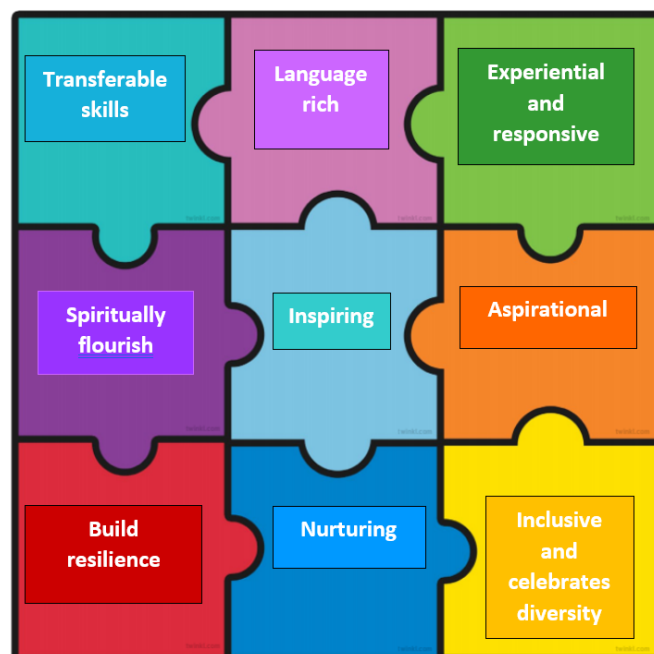


# An Overview of the Design & Technology Curriculum at St Michael's



*The Lord says, 'For I know the plans I have for you .... plans to give you hope and a future.'*  
**Jeremiah 29 verse 11**

At St Michael's, Design and Technology is an inspiring, rigorous and practical subject. Through the delivery of Design and Technology at St Michael's, we want to ensure our pupils are aware of important innovations all around them. They use real life products as a tool to inspire their own design of products that solve real and relevant problems to promote a 'can do' attitude. We want children to be able to design and make products, considering their own and other's needs, wants and values within a variety of contexts. Pupils will develop problem-solving skills to be able to meet specific design briefs. They will build resilience as they review and refine their products. The skills of planning a design that fulfils key criteria, making a product, refining and evaluating, are transferrable skills that will support children when faced with new opportunities.



The Design and Technology curriculum provides our children with a variety of new learning experiences, which will provide them with skills needed in the future. We believe Design and Technology is a subject that is accessible to all, regardless of academic ability or language acquisition.

There are a number of things we do regularly to ensure our intentions are fulfilled:

- Progressive set of skills are taught across school to ensure the children continue to learn new things but also have the opportunity to consolidate key areas. Teachers and pupils throughout school are supported through a scheme of work that carefully builds on the key elements of investigating, designing, making and evaluating products.
- A range of DT is taught across school: food, textiles, electronics, structures, mechanics and computing.
- We place a great deal of importance on food technology as a key life-skill and it is an area that is taught throughout school, not just during timetabled DT days, but at other opportunities such as after-school club and as part of a forest school and cooking day for each year group.
- We regularly take up opportunities to work on DT projects with local secondary schools (Aldersley and Kings).

The impact that delivery of our DT curriculum has can be seen in a number of ways:

- When children are clearly excited and engaged by their learning and are producing well thought-out, carefully planned products.
- Assessment of where the children are at the end of the year.

- The children build on their skills throughout school and become progressively more confident when using a range of tools and materials.