



Design Technology intent statement

At The Academy at St James we aim to provide all children with a broad and balanced curriculum which prepares them for life beyond primary education. We encourage children to use their creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We believe that Design and Technology provides children with the opportunity to develop skills, knowledge and understanding of making functional products with a particular user in mind, while encouraging them to be creative and adventurous.

At The Academy at St James our Design and Technology curriculum combines skills, knowledge, concepts and values to enable children to tackle real problems. A key part of Design and Technology is the trial and error element, teaching children to problem solve, work as a team and be resilient. We try wherever possible to link Design and Technology to other subjects such as Maths, English, Computing and Art. Using these cross curricular links to show the importance of combining subjects and their relevance in real life scenarios.

Here at The Academy at St James we give children the opportunity to develop their design skills through many different medias such as food technology, wood work, moving mechanisms and much more.

Christian Values, Cultural Capital and Pupil Premium enhancements

Our Design Technology curriculum encourages discussion of ideas. These discussions give the children opportunity to share their thoughts and reasoning throughout the design process. We promote a have a go attitude and ensure our children are resilient designers who will persist with a project until they reach their final goal.

At the Academy at St James we work on projects that are relevant to the children and show how practical their projects are in the real world. We provide opportunities to show elements of Design Technology through school trips and experiences, promoting the importance of Design and Technology in society in the past and present.