



## **Curriculum Intent for Design and Technology (including DT Product, Food and Textiles) at St Joseph's College**

Our intention is to inspire our students with a love for all things D&T to allow them to become confident individuals with inquisitive minds who will have the courage, skills and knowledge to thrive and become better prepared to deal with ever changing world.

D&T at St Joseph's college encourages students to become independent, creative problem-solvers and thinkers as individuals and as part of a team - making positive changes to their quality of life. It enables them to identify needs and opportunities and to respond to them by developing a range of ideas and by making products in a wide variety of material areas.

The curriculum encourages students to ask questions and seek answers when creating new ideas, acquiring new skills and draw on disciplines such as mathematics, science, engineering, computing and art. We challenge students with engaging design briefs and instil a sense of curiosity within the students by enabling them to create work of their own inspired by well know design movements, designers, architects or engineers such as Memphis Group and Bauhaus as well as celebrating our local industrial heritage. The food nutrition and preparation curriculum develops the students' knowledge and understanding of the healthy eating guidelines and encourages them to prepare exciting dishes and explore international cuisine which reflects the cultural diversity of the school population. In textiles students are challenged to develop their creative ability and to explore and experiment with a wide range of materials and techniques.

The D&T curriculum allows students to develop an appreciation of design, creativity and their own identity as young designers. Design and technology offers students a chance to use creative thinking and activity within a defined purpose and tangible outcome. The principles of D&T can be found in many of the products that students use each day and is a part of their immediate life experience.