

DESIGN AND TECHNOLOGY

CURRICULUM INTENT

“Design creates culture. Culture shapes values.
Values determine the future.”

Robert L. Peters

At the core of Design and Technology is creativity and imagination. Students will learn to design and make products that solve genuine, relevant problems within different contexts whilst considering their own and others' needs, wants and values. Design and Technology is a practical and valuable subject. It enables children and young people to actively contribute to the creativity, culture, wealth and well-being of themselves, their community and country. It teaches how to take risks and so become more resourceful, innovative, enterprising and capable.

The impact of our subject will produce thinking, adaptable adults capable of taking his / her place in a changing society. We create distinctive and dynamic partnerships between students and staff in the Department through our level of care, concern and professionalism.

What we deliver and embed for all our students:

- Develop imaginative and original thought.
- Promote the development of curiosity, enquiry, initiative, ingenuity, respect, reflection, determination and pride.
- Foster awareness, understanding and expertise in those areas of creative thinking which can be expressed and developed through investigation and research, planning, designing, making and evaluating, working with materials and tools.
- Encourage the acquisition of a body of knowledge applicable to solving practical / technological problems operating through processes of analysis, synthesis and realisation.
- Stimulate the development of a range of communication skills which are central to design, making and evaluation.
- Stimulate the development of a range of designing and making skills.
- Encourage technological awareness, foster attitudes of co-operation and social responsibility, and develop abilities to enhance the quality of the environment.
- Develop the power of creativity through the process of investigation, analysis, designing, making and evaluation, both as an individual and as a group member.
- Develop the use of new technologies whenever possible.
- Develop the art of constructive criticism and the skills of self and group assessment.
- Encourage a safe working practice within all areas of Technology.