

30 September 2025

Dear Parent/Carer

## Re: Design and Technology

We are pleased to welcome your son/daughter to the Design and Technology department at The Castle School and would like to tell you a little about the course and our expectations.

This year students will make a personalised LASER cut keyring in the first few weeks of school which will introduce them to how IT can be used in the department, as well as learning about the LASER cutter. They will then focus on several project areas for the remainder of the year – plastics and electronics (a functioning prototype nightlight and thermometer incorporated into a design of their choosing), timbers and the environment (a usable bug hotel), robotics and computer control, design skills and a designing/making project focused on sustainability.

Over the last few years, the cost of materials for Design and Technology has increased hugely and we request a voluntary contribution towards the materials to enable students to complete their practical work. For Year 7 the sum of this is **£6.00**.

Payments can be made online via Arbor by Monday 6 October. We don't expect contributions from students receiving Free School Meals.

Yours sincerely



**Mr J Batchelor**  
**Head of D&T Department**  
**The Castle School**

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