

Where boys learn best
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DNE/SCVD/glm

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Dear Parent / Carer,

It is with great pleasure that I welcome your son to Design and Technology for Year 9. We have planned an exciting curriculum for your son to enjoy and fulfil his potential. The projects we have chosen allow your son to experience a variety of Technologies and respond to pupil wishes for products that work and can be taken home.

This opportunity of planning an exciting curriculum has allows us to strengthen the work we do within the Business and Enterprise specialism and also build on the fantastic work that keeps Design and Technology at the forefront of the Engineering specialism.

In Year 9, your son will experience five projects:

Food Technology – Pupils are expected to understand more complex information relating to food safety, correct terminology and the organisation of the food industry. Practical work includes stir fry techniques, home-made burgers, Thai curry dishes and dessert work. There is also a longer “design and make” project to produce a celebration meal.

Systems and Control – Pupils investigate gears, levers and cams. The theory is then put into practice finding a solution to an externally set brief.

Electronics – Pupils research and build an amplifier circuit allowing them to plug their mp3 players into a functional circuit. Designs are made for a product to house the circuit.

Design for Manufacture – Links with the Electronics project above. Pupils develop a final design and prepare to manufacture. A final, high-quality product is built to house the amplifier circuit.

Product Design – Pupils use CAD to develop a design idea which simulates part of the GCSE Product Design course. Pupils are encouraged to download Solidworks free of charge, for use at home.

To allow us to provide stimulating projects, we ask for a **£5.00** contribution to cover materials and components used in Year 9. Please pay via ParentPay or a cheque (made payable to The Forest School) to your son’s Design and Technology teacher.

Thank you for your support in this matter and I hope you enjoy hearing about and seeing what your son produces in Design and Technology lessons.

Yours faithfully,

Mr D Nibloe
Subject Leader Design and Technology

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REPLY SLIP: Year 9 Design and Technology contribution

Pupil name: T/G:

Technology Teacher:

I have enclosed £5.00 cheque / paid via ParentPay

Signed:
(parent/carer)

Date: