



**ESHER CHURCH OF ENGLAND HIGH SCHOOL**  
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 www.esherhigh.surrey.sch.uk  
**Headteacher : Mr M Boddington**

10 September 2019

Dear Parents/Guardians



**Re: Year 9 Design & Technology**

I would like to take this opportunity to welcome you and your child back to the Design & Technology department. Design & Technology involves students in different problem solving activities using a variety of materials and approaches in Food Preparation & Nutrition, Papers and Board, Electronics and Timbers.

We encourage the production of high quality outcomes for each project and this involves investing in expensive additional materials, which without your financial support would not be possible. We are, therefore, asking parents to make a single voluntary contribution of £10.00 for the year, which supports the work undertaken in Year 9.

Although it is the responsibility of all students who participate in Food Preparation and Nutrition practical lessons to bring in their own ingredients, on occasion, for small ancillary items such as oil, seasoning, spices, milk, top up and experimental work etc, the school will provide ingredients. The £10 voluntary contribution will also cover these charges.

Students will be able to take their projects home upon completion and we would encourage them to do so.


Project	Materials/Processes/Skills
Steady Hand Game 	Students will be introduced to electronics and will solder a circuit, learning about key components. They will then need to program the circuit to make a sound whenever a 'life' is lost on the game. CAD will be used to design a casing.  The focus will be on problem solving and developing new skills.
Architectural Model 	This is an opportunity for students to broaden their designing skills with an introduction to 3D CAD; Fusion 360. They will design a 'Grand Designs' style building and focus on their attention to detail when using a range of timbers, papers and boards to model their concept.

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**Artsmark Gold Award**  
 Awarded by Arts Council England



<p>Creating Nutritional Meals</p> 	<p>Students begin with meat knowledge and cooking methods specific to different meats. They will broaden their cooking skills/storage related to meat and meat products.</p> <p>In preparation for the GCSE in Food and Nutrition, students will investigate the science of food and chemical and functional properties of ingredients.</p> <p>They will also look into different areas of the Hospitality industry to give a grounding for the Year 10 Hospitality and Catering option.</p>
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Contributions can be made via Scopay, cash or a cheque, made payable to Esher High School.

If you have any questions, then please do not hesitate to contact me.

Yours faithfully

*S May*

Mr S May  
 Head of Design & Technology  
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