



**ESHER CHURCH OF ENGLAND HIGH SCHOOL**  
 MORE LANE ESHER SURREY KT10 8AP  
 01372 468068 / head@esherhigh.surrey.sch.uk  
 www.esherhigh.surrey.sch.uk  
**Headteacher : Mr M Boddington**

10 September 2019

Dear Parents/Guardians



**Re: Year 8 Design & Technology**

I would like to take this opportunity to welcome you and your child 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, Timbers, Papers and Board.

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. Therefore, we are asking parents to make a single voluntary contribution of £10.00 for the year, which supports the work undertaken in Year 8.

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
 <p data-bbox="236 1249 400 1283">Spinning Top</p>	<p data-bbox="539 1249 1412 1391">Students will design a timber Spinning Top utilising isometric drawing, shading and use of annotation. The practical outcome will have a heightened level of difficulty, allowing students to use scroll saws and bobbin sanders.</p> <p data-bbox="539 1429 1358 1498">CAD and the laser cutter are also used to add decoration to the final product.</p>
 <p data-bbox="225 1532 411 1565">Mechanical Toy</p>	<p data-bbox="539 1532 1453 1637">Students will learn about different types of movement and experiment with levers, pulleys and learn about gear ratios. They will then use their knowledge to develop a mechanical system to operate a toy.</p> <p data-bbox="539 1675 1437 1744">CAD will be used to design the movements and a combination of materials can be used to make the final toy.</p>



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



Advancing cooking skills



Students will plan and prepare a range of recipes building on Year 7 skills to include eggs and functions of bread making.

They will look in further depth at the Eatwell Guide and food groups, food safety and food storage, high fat foods, bread making and bread products (including the famous pizzas) and pastry products.

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