GUNNERSBURY CATHOLIC SCHOOL

AD ALTIORA

Year 9

Food technology

New skills include working with meats; the importance of preventing cross contamination and promoting safe hygiene practices

Food technology

The time has come to showcase all of your acquired skills! You will make recipes based on a 4 course meal. This includes Mr Fisher's secret recipe chicken curry, apple crumble, bread and a tomato, bean and minestrone soup.

Onshape (parametric modelling)

Skills that will be developed include working in different work-planes. How to re-size, to cut material, how to generate a 3D object, extrude, project it and save it as a STL file.

Onshape (parametric modelling)

This will be an introduction to 2D and 3d modeling on the computer. This will enable the students to be able to design items for the 3D printer.

Point of sales display

You will be learning about cards , papers and compliant materials. Using your graphical skills to develop realistic and life-like logos and decals

Desk tidy

You will be looking at woods in more detail. This will include construction techniques such as finger, mitre and butt joints. Skills such as accurately marking out will be shown and implemented.

Desk tidy

This is a design & make exercise. It is designed to draw on the skills acquired in other modules this year and from years 7&8. There will be a limited materials list but students will be expected to follow the situation and design brief, create a specification, research and analyze the problem, evaluate existing products and create a range of ideas.

Mobile phone holder

Your design work will be enhanced as you develop design ideas, produce a specification and draft a working drawing.

Mobile phone holder

Here are just some of the skills you will learn and improve on; Thermo plastics/plastic memory, properties of acrylic, shaping & cutting acrylic, cleaning up the edges & polishing, Using the strip heater., CAD/CAM ; using the vinyl cutter to add decal.

Mobile phone holder

Have you ever just wanted to watch something on your smartphone or leave it somewhere charging? In this project you will design and manufacture a mobile phone older using a single piece of acrylic.

Start