

Year 9 Term 1

To ensure our curriculum provides a broad range of experiences and learning opportunities, students will study a range of subjects on a carousel. These subjects will last one term and all students will have the opportunity to experience these subjects over the course of an academic year.

<p>Design and Technology</p>	<ul style="list-style-type: none"> • Students in year 9 have not experienced Design and Technology previously – this course is new starting in September 2022. 	<ul style="list-style-type: none"> • Students will undertake a product analysis task using ACCESS-FM, and research products made by the Alessi Design Company to help them design and manufacture a desktop USB LED lamp. • Develop a variety of 2d and 3d drawing skills incorporating annotation. • Safely use a variety of tools and techniques which include tenon saw, coping saw, pillar drill, disc sander and soldering iron. • CAD modelling using the iPad/computer 	<ul style="list-style-type: none"> • Students who choose Design and Technology (Product Design) for GCSE will continue to investigate a wide range of manufacturing processes using both traditional and modern methods (CAD/CAM) including 3d printing. • Manufacture a Skills Bot using a variety of different materials and processes including pewter casting, strip heating, vacuum forming with metal, polymers and timber. • Develop skills to produce ‘working drawings’ using both traditional and modern techniques.
<p>Food</p>	<ul style="list-style-type: none"> • Students learnt more about nutrition and the effects of food on the body, they also focus on food bacteria, and this effects the body. • We also looked at food choices and why different people eat different things. • Students also got to practice their practical skills 	<ul style="list-style-type: none"> • In Year 9 Students further hone their practical skills, learning more challenging skills such as choux pastry and sauce making such as roux, as well as pasta making and enriched bun doughs. 	<ul style="list-style-type: none"> • This prepares students to take the GCSE Hospitality and Catering Qualification, with all the skills learnt in year 7,8 and 9 studnets are now ready to use put these to the test and plan and create a two course meal.