

Year 8 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.

	Prior knowledge	Current learning	Future knowledge
Design and Technology	<ul style="list-style-type: none"> Students in year 8 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 the work by Gerrit Rietveld and Ettore Sottsass to help them design and manufacture a product inspired by their design style. Investigate properties and applications of Manufactured timber materials. (Plywood and MDF) Safely use a variety of tools and techniques which include try square, tenon saw, coping saw, pillar drill and disc sander. CAD modelling using the iPad 	<ul style="list-style-type: none"> Investigate a wider range of manufacturing processes using both traditional and modern methods (CAD/CAM). Design and manufacture an LED lamp using CAD and manufacture some components using the laser cutter (CAM). Designer company study on Alessi and two of their featured designers, Philippe Starck and Zaha Hadid