



Department:	Design and Technology	
Year 7 Course summary:		
<p>The Year 7 Design and Technology course aims to inspire students in developing their creative design and manufacturing skills. Throughout the year, students will develop their knowledge and understanding of the subject, through a range of activities in engineering and product design.</p>		
IST Assessments:		
Michaelmas	Lent	Summer
Students will learn about Health and Safety, CAD/CAM and sketching presentation skills.	Students will learn about CAD/CAM through the manufacture of an 'Alessi' themed casting project.	Students will learn about ferrous, non-ferrous metals and industrial production, through the manufacture of a sheet metal phone stand.
Key vocabulary:		
Prohibition Mandatory Hazard Risk Isometric Perspective Oblique Orthographic Ferrous and Non-ferrous Scriber Odd-legged callipers Aluminium Rivet Polymer Acrylic Computer Aided Design (CAD) Computer Aided Manufacture (CAM)		