

DT STATEMENT OF AIMS

THE AIM OF THE KS3 CURRICULUM IS TO DEVELOP...

SUCCESSFUL LEARNERS

KS3 DT allows students to acquire a broad range of subject knowledge and draw on cross curricular disciplines such as mathematics, science, engineering, computing and art. Through design and make students learn how to take risks, become resourceful, innovative and enterprising. Through the evaluation and analysis of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. Students analyse the work of past and present professionals and others to develop and broaden their understanding and use this knowledge to investigate new and emerging technologies.

CONFIDENT, INSPIRED INDIVIDUALS

KS3 DT stimulates the development of critique and evaluation skills along with the ability to test ideas, products and work as a team.

ASPIRING, RESPONSIBLE CITIZENS

KS3 DT develops the creative, technical and practical expertise through technical knowledge that is needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.

CURRICULUM MAP KS3

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Y7	Graphics - Isometric Drawing introduction	Plastics project 1 - Introduction to the workshop, use of tools and equipment, safe working environment.	Bottle opener - Woods project, wood theory, practical skills		Plastics project 2 - recycled plastics, use of recycling to design and make new products.	Graphics - Typeface design
ASSESSMENT	Mid year assessment test		End of year assessment			
Y8	Card Engineering - Animated advert, lever, mechanisms and movement		Electronics - Steady hand game - circuits, components and assembly		Wood - Bookend - wood joints, design, practical skills	
ASSESSMENT	Mid year assessment test		End of year assessment			
Y9	Graphics - Isometric drawing and rendering	Textiles - Ugly doll, textiles, sewing	Passive Amplifier - Card engineering, surface developments			Structures - Types of structure, triangulation, design, teamworking
ASSESSMENT	Mid year assessment test		End of year assessment			