

DESIGN TECHNOLOGY 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	<i>Isometric Drawing</i>	<i>Timbers - Bottle Opener</i>		<i>Polymers - Phone Stand</i>		<i>Isometric Drawing</i>
ASSESSMENT	AP1 – Assessment of Design Communication skills and theory assessment. (Technical knowledge and design)		AP2 - Assessment of Design & communication skills. (Technical knowledge, design & make, evaluation & analysis) Theory assessment test.		AP3 – Assessment of Practical skills. (Technical knowledge, design & make, evaluation & analysis) Theory assessment test.	
Y8	<i>Mechanisms - Animated Advert</i>		<i>Electronics - Steady hand game</i>		<i>Timbers - Storage Box</i>	
ASSESSMENT	AP1 - Theory and design assessment for Animated Advert (Technical knowledge and design) & Yr 7 Content AP1 - Theory assessment test.		AP2 - Assessment of Design & communication skills. (Technical knowledge, design & make, evaluation & analysis) AP2 - Theory assessment test.		AP3 - Assessment of Practical skills. (Technical knowledge, design & make, evaluation & analysis) AP2 - Theory assessment test.	
Y9	<i>Isometric Drawing</i>	<i>Textiles - Ugly Doll</i>		<i>Paper & Boards - Passive Amplifier</i>		<i>Structures - Bridges</i>
ASSESSMENT	AP1 – Theory and create design assessment for Isometric Drawing (Technical knowledge and design) & Yr 7/ 8 Content AP1 - Theory assessment test.		AP2 - Whole Project assessment PPE GCSE (Technical knowledge, design & make, evaluation & analysis) Mid Year Assessment & Yr 7/ 8 Content AP2 - Theory assessment test.		AP3 - Whole Project assessment (Technical knowledge, design & make, evaluation & analysis) End of Year Assessment & Yr 7/ 8 Content AP3 - Theory assessment test.	