



Bedford Greenacre Independent School: Curriculum Overview, Design Technology, Years 4 - 11

	Year Group	Autumn Term	Spring Term	Summer Term
Middles	6 1½ terms	<ul style="list-style-type: none"> CAD/CAM project using dye sub printer to create coasters. Marble Run team project. 	<ul style="list-style-type: none"> Short graphics project – Christmas pop-up cards or calendars, Easter egg boxes or Red nose day noses. 	
	7 1½ terms	<ul style="list-style-type: none"> Aluminium key ring using only the range of files. Use of File, Pillar drill, wet and dry paper and metal polish to finish to a high standard. 	<ul style="list-style-type: none"> Short graphics project such as Sweet wrapper project to develop lettering and colouring techniques. 	
	8 1½ terms	<ul style="list-style-type: none"> CAD/CAM project using dye sub printer to create phone covers or t-shirts, 	<ul style="list-style-type: none"> Acrylic /ply ear using 2D Design and hand skills. 	
Seniors	9 1 term	<ul style="list-style-type: none"> Acrylic Bud vase using CAD/CAM and the line bender. Using filing and polishing techniques. Graphics Project: Limited edition drinks bottle design. Developing sketching and colouring techniques. 		
	Edexcel GCSE Art and Design (9-1) 1TD0 Specification available at: https://qualifications.pearson.com/en/qualifications/edexcel-gcses/art-and-design-2016.html			
	10	<ul style="list-style-type: none"> Acrylic Clock – CAD/CAM. Pewter casting project. 	<ul style="list-style-type: none"> Phone holder/passive speaker using CAD/CAM. Living Hinge box. 	Begin GCSE coursework – projects set by Exam Board.
	AQA GCSE Design and Technology: Resistant Materials 45602 Specification available at: http://filestore.aqa.org.uk/subjects/AQA-4560-W-SP-14.PDF			
11	<ul style="list-style-type: none"> Begin GCSE coursework – projects set by Exam Board 	<ul style="list-style-type: none"> Exam theory work. 		

Please see page below for further details of the 2021/22 format for Years 4 - 9



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DT/TEXTILES 2021/2022 details

	Yr4 DT	Yr 5 DT	YR 6 DT Full group all year Monday P5/6	YR 7 DT Half group – swap at half term Tuesday P3/4	YR 8 DT Half group– swap at half term Monday P3/4	YR 8 Fashion& Textiles Full group all year Tuesday P5/6	Yr9 DT
Teacher	JC	JC	VG	VG	VG	VG/CA	JC
TERM 1	Card board modelling – Rockets, Dioramas and Robots. Half term Completing models Festive 3D pieces	CAD/CAM Tangram puzzles. Half Term Graphics unit and festive products.	Graphics unit- 6 weeks 'til Half Term 2D design of names/laser cut acrylic door signs.	Perfume bottle design. Research, design ideas, card mock up. Final piece.	Bathroom products range. Research, design ideas, card mock up. Final piece.	Denim Phone Pouch/shoulder bag – PPT on shared drive (JC) Basic sewing techniques.	Game cover design with CAD/CAM free gift and presentation. 3D character models and or Harry Potter inspired props.
Christmas Holiday							
TERM 2	Graphics unit or 3D animals. Half Term New group.	Repeat with new group.	Coke bottle design. Paper mache /paint design.	Extend range to keyring, point of sale, packaging. Repeat	Extend range to keyring, point of sale, packaging. Laser cut wood/acrylic to enhance design. Repeat	Fashion – recycled fabric/upcycled outfits/accessories and fashion show. Exploring sewing techniques – applique, embroidery etc	Repeat with new group.
Easter Holiday							
TERM 3		Repeat	Metal keyring.			Shibori/Tritik Fabric dyeing techniques – Student-led project, item of their choice using sewing skills learned.	Repeat