

Term 3 and 4 – 2020 Curriculum Planning

Curriculum plan for term 3 and 4 in response to C-19 and return to school. These curriculum alterations have been reviewed in light of curriculum delivered in home learning, pupil assessment and engagement.

Department: D&T: Resistant Materials

For KS3 please note: The DT schemes are planned around the 5 members of DT staff and their specialisms meaning that the projects do not run as per the school calendar term. Year 7 and 8 projects run for 7 weeks. Year 9 projects run for 5 weeks projects (so that students can experience all subjects before option choices).

		Content edited and / or repeated.	Curriculum Changes – What and How	Follow up for linked units further into the key stage
KS3 Term 5 and 6	Year 7 (Design & Make a Chocolate Mould and Packaging)	CAD 2D Design (Computer aided design) and vacuum forming removed due to restrictions regarding access to computer rooms. This means that they will not be able to create their own MDF templates, packaging nets and moulds.	Students will have pre-made nets and moulds provided. They will add colour and information to the net. The packaging will be assembled by the DT technician.	Students will have an opportunity to use 2D Design across Yr8 D&T projects. They will create their own shapes and ideas in Yr8 RM. They will be able to see CAM for the first time.
	Year 8 (Design & Make Design Era inspired Pewter Key Ring)	CAD 2D Design and (Computer aided design), MDF mould manufacture and casting, drilling and polishing removed due to restrictions regarding access to computer rooms and workshop. This means that they will not make a product.	Greater focus on sketching and designing as well as the use of creative techniques for creation of new ideas. Also focus on environmental issues through video and mind mapping as well as literacy task.	Students will have an opportunity to use 3D CAD as part of their Yr9 Resistant Materials project modelling project. This supports all students that subsequently take any DT GCSE option.
	Year 9 GCSE Introduction	<u>New content to support introduction to GCSE RM</u>	Students will be taught the following theory areas: Industry Enterprise Sustainability and the Environment,	Students will review the topics in Year 10 alongside practical aspects weekly.

			Culture and Society Leading to the design and possible make outcome: Design and make a phone holder	
KS4 Term 5	Year 10 (Theory & Non-Exam Assessment practice)	No changes		
	Year 11	Revision time has been edited to be streamlined alongside the shorter assessments. Paper 1 section C to be completed on core principles Paper 2 section A, B and C	Students will spend this time receiving guided revision lessons in between the APS assessment weeks	n/a
KS4 Term 4	Year 10 (Theory & Non-Exam Assessment practice)	No changes		