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Department: **COMPUTING**

Blended Learning Curriculum Overview 2020-21

In the event of a local lockdown, students isolating or school closure, please outline your approach to blended learning below. DfE guidance stresses there will be a need for ongoing provision of “remote learning” which “is high quality and aligns as closely as possible with in-school provision.” Within departments, this may mean planning each unit or area of learning with an eye on how it could translate into virtual or remote practice, if necessary. For example, it might mean preparing booklets or text-based resources which could be used by students at home as well as at school. It might even mean having procedures and infrastructure in place for recording lessons, or for allowing simultaneous online access to classroom teaching.

<u>Autumn Term</u>	Curriculum Time (Periods)	In-School provision (situation dependent)	Live ‘Zoom’ lessons (Tier 3&4) Expectations	Pre-recorded ‘Zoom’ lessons (Tier 2) Expectations	Resources available?	Assessment & Feedback?
Year 7 Computing	3 Periods over 2 weeks 10 week rotation	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2 : Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		Online Safety booklet Idea.org https://teachcomputing.org/curriculum	Students will be given mini quizzes on Online Safety on SMH, Quizziz & Kahoot. Test given at the end of each rotation. DIRT time when brochure/google site is completed
Topic/ Unit:	Online Safety - students learn how to keep themselves when using the internet and social media. Where to find help if needed.					

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Year 8 Computing	3 Periods over 2 weeks 10 week rotation	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend.		https://teachcomputing.org/curriculum	Students will be given mini quizzes on Computational
Topic/ Unit:	Computational thinking		Lesson 2 : Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		http://teach-ict.com/2016/GCSEComputing/OCR_J276/2_1_algorithms/computational_thinking/lesson_tasks.html	thinking on SMH, Quizziz & Kahoot. Test given at the end of each rotation. DIRT time when brochure/google site is completed
Year 9 BTEC IT	5 Periods over 2 weeks	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend.		teach-ict.com	PG Online resources BBC Daily NCCE
Topic/ Unit:	Digital Literacy The National Curriculum states – “ Computing also ensures that pupils become digitally literate – able to use, and express themselves and develop their ideas through, information and communication technology – at a level suitable for the future workplace and as active participants in a digital world		Lesson 2 : Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		Google classroom assignment with PPTs and worksheets Idea.org	

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Year 9 BTEC Computer Science	5 Periods over 2 weeks	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2 : Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		PG Online resources Google classroom assignment with PPT and worksheets. Back up on SMH Idea.org	Students will be given past paper questions on the topic
Topic/Unit	Systems Architecture / Primary Storage					
Year 10 BTEC IT	5 Periods over 2 weeks	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2 : Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		BTEC DIT textbook Google classroom assignment with PPT and worksheets. Back up on SMH https://teachcomputing.org/curriculum/key-stage-4	Quizzes on Know it all ninja. Past paper questions.
Topic/Unit	Pearson Communication Technology					

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Year 10 Computer Science	5 Periods over 2 weeks	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		OCR GCSE CPG Computer Science	PG Online past paper questions
Topic/Unit	OCR Exam board Systems Architecture / Primary Storage				Google classroom assignment with PPT and worksheets. Back up on SMH Idea.org https://teachcomputing.org/curriculum/key-stage-4	
Year 11 BTEC IT	5 Periods over 2 weeks	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		OCR GCSE CPG Computer Science	CW Assignment sheet
Topic/Unit	Pearson NDA - Component 2 Coursework - Collecting and presenting data MAM /VSY Component 3 - Implications of Digital Systems Exam unit				Google classroom assignment with PPT and worksheets. Back up on SMH https://teachcomputing.org/curriculum/key-stage-4	PG Online past paper questions

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Year 11 Computer Science	OCR Exam board Data Representation	As per curriculum map/ARE	Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		Google classroom assignment with PPT and worksheets. Back up on SMH https://teachcomputing.org/curriculum/key-stage-4	PG Online past paper questions Google /Yacapaca/ quizzes
Topic/ Unit:	10 Periods over 2 weeks					
Year 12 Alevel Computer Science	APA OCR examboard Components of a Computer System and their uses NDA Exchanging Data VSY System Software and Applications generation		Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.		Google classroom assignment with PPT and worksheets. Back up on SMH https://teachcomputerscience.com/a-level/exchanging-data	OCR Computer Science Past Paper questions
Topic/ Unit:						

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Year 13 BTEC IT	10 Periods over 2 weeks		Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend.		Database and Web development booklet	Know it all Ninja quizzes
Topic/ Unit:	MAM Unit 2 Database NDA Unit 6 Website Development		Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback.			Past paper questions Website Development - Learning Aim A, B and C tasks to be completed.
Year 13 Computing	APA Unit 15 Website Development NDA Unit 2 Fundamentals of Computer System		Lesson 1: Teacher will provide Google meet lesson/Zoom as per TT for all to attend. Lesson 2: Work provided on Google classroom with all the resources from the lesson. Teacher can see how students are working in classroom and give feedback		Website development and Database booklet All the resources, PPTs, video tutorials saved in Google classroom	Know it all Ninja quizzes Website Development - Learning Aim A, B and C tasks to be completed. Past paper questions for the Database unit.