Aspiring for Academic, Cultural & Sporting Excellence'

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.

Spring Term	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.		Online Safety booklet Idea.org https://teachcomput	Students will be given mini quizzes on Online Safety on SMH, Quizziz & Kahoot. Test given at the end of
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.		ing.org/curriculum	each rotation. DIRT time when brochure/google site is completed

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	https://teachcomput ing.org/curriculum	Students will be given mini quizzes on Computational
Topic/ Unit:	Hardware of the Computer		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.	http://teach- ict.com/2016/GCSE Computing/OCR J27 6/2 1 algorithms/co mputational_thinkin g/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	teach-ict.com	PG Online resources BBC Daily NCCE
Topic/ Unit:	Networks		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 PPTs and worksheets Idea.org	

Year 9	5 Periods over 2 weeks	As per curriculum	Lesson 1: Teacher	PG Online resources	Students will be given
BTEC		map/ARE	will provide Google	Google classroom	past paper questions
Computer		• •	meet lesson/Zoom as	assignment with PPT	on the topic
Science			per TT for all to	and worksheets.	·
			attend.	Back up on SMH	
	Hardware and Software of		Lesson 2 : Work	·	
	different devices		provided on Google	Idea.org	
			classroom with all		
			the resources from		
Topic/Unit			the lesson. Teacher		
			can see how students		
			are working in		
			classroom and give		
			feedback.		
Year 10		As per curriculum	Lesson 1: Teacher	BTEC DIT textbook	Quizzes on Know it all
BTEC IT	5 Periods over 2 weeks	map/ARE	will provide Google		ninja. Past paper
	Pearson Cyber Security		meet lesson/Zoom as		questions.
			per TT for all to	Google classroom	
			attend.	assignment with PPT	
			Lesson 2 : Work	and worksheets.	
			provided on Google	Back up on SMH	
			classroom with all		
			the resources from	https://teachcomput	
Topic/Unit			the lesson. Teacher	ing.org/curriculum/k	
			can see how students	ey-stage-4	
			are working in		
			classroom and give	https://www.knowit	
			feedback.	allninja.com/courses	
				/effective-digital-	
				working-practices/	

Year 10		As per curriculum	Lesson 1: Teacher	OCR GCSE CPG	PG Online past paper
Computer	5 Periods over 2 weeks	map/ARE	will provide Google	Computer Science	questions
Science			meet lesson/Zoom as		94404.0
00.000			per TT for all to	Google classroom	
	OCR Exam board		attend.	assignment with PPT	
	00.1 2.10.11 200.0		Lesson 2: Work	and worksheets.	
	Computer Systems		provided on Google	Back up on SMH	
	,		classroom with all	Buck up on sivin	
			the resources from	https://www.knowit	
			the lesson. Teacher	allninja.com/courses	
Topic/Unit			can see how students	/j277-01-computer-	
			are working in	systems/	
			classroom and give	<u>systems</u>	
			feedback.	https://teachcomput	
			recaback.	ing.org/curriculum/k	
				ey-stage-4	
				cy stage 1	
Year 11	5 Periods over 2 weeks	As per curriculum	Lesson 1: Teacher	OCR GCSE CPG	CW Assignment sheet
BTEC IT		map/ARE	will provide Google	Computer Science	
	Pearson		meet lesson/Zoom as		
	NDA - Component 2		per TT for all to	Google classroom	PG Online past paper
	Coursework - Collecting		attend.	assignment with PPT	questions
	and presenting data		Lesson 2: Work	and worksheets.	
	VSY Component 3 -		provided on Google	Back up on SMH	
	Implications of Digital		classroom with all	·	
Topic/Unit	Systems		the resources from	https://teachcomput	
	Exam unit		the lesson. Teacher	ing.org/curriculum/k	
			can see how students	ey-stage-4	
			are working in		
			classroom and give		
			feedback.		

	OCR Exam board	As per curriculum	Lesson 1: Teacher	Google classroom	PG Online past paper
Year 11	Computational thinking,	map/ARE	will provide Google	assignment with PPT	questions
Computer	Algorithms and		meet lesson/Zoom as	and worksheets.	•
Science	Programming		per TT for all to	Back up on SMH	Google /Yacapaca/
			attend.		quizzes
	10 Periods over 2 weeks		Lesson 2: Work	https://teachcomput	·
			provided on Google	ing.org/curriculum/k	
			classroom with all	ey-stage-4	
			the resources from		
Topic/			the lesson. Teacher	https://www.knowit	
Unit:			can see how students	allninja.com/courses	
			are working in	<u>/j277-02-</u>	
			classroom and give	computational-	
			feedback.	thinking-algorithms-	
				programming/	
	APA OCR examboard		Lesson 1: Teacher	Google classroom	OCR Computer
Year 12	Programming NEA		will provide Google	assignment with PPT	Science Past Paper
Alevel			meet lesson/Zoom as	and worksheets.	questions
Computer	NDA Legal Moral Ethical		per TT for all to	Back up on SMH	
Science			attend.		
Science	VSY Networks		Lesson 2: Work		
			provided on Google	https://teachcomput	
			classroom with all	erscience.com/a-	
Topic/ Unit:			the resources from	level/exchanging-	
			the lesson. Teacher	<u>data</u>	
			can see how students		
			are working in		
			classroom and give		
			feedback.		

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