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Aspiring for Academic, Cultural & Sporting Excellence’

Department: Science

Blended Learning Curriculum Plans 2020-21 (TERM ONE)

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)	Lockdown provision (situation dependent)	Resources available?	Assessment & Feedback?
Year 7	7 periods over 2 weeks	As per the curriculum map / AREs	<p><u>3 - 4 live lessons per fortnight.</u></p> <p><u>Per teacher:</u> <u>1 x live lesson:</u> Each science teacher to teach a live lesson via zoom as per TT for all to attend.</p> <p>Lesson 2: Work set for independent learning during next science lesson slot with that teacher.</p> <p><u>Live feedback lesson / drop in session as appropriate:</u> Science teacher to provide a ‘drop in session’ / feedback session to respond to the work set.</p> <p>If you teach all 7 lessons for one class you must do 2 live lessons and up to 2 feedback sessions per fortnight.</p>	<p>Collins Connect – KS3 textbook, homework quizzes and end of topic tests</p> <p>Google classrooms for additional resources where needed</p> <p>GCSE pod</p>	Regular homework quizzes via Collins Connect. Feedback during drop in sessions and on written homework
Topic/ Unit:	Chapter 1 – Cells (everyone), then split into Chapter 3 Mixing, Dissolving and Separating; and Chapter 5 Forces and Their Effects as per teacher allocation.				
Year 8	7 periods over 2 weeks	As per the curriculum map / AREs	<p><u>3 - 4 live lessons per fortnight.</u></p> <p><u>Per teacher:</u> <u>1 x live lesson:</u> Each science teacher to teach a live lesson via zoom as per TT for all to attend.</p>	<p>Collins Connect – KS3 textbook, homework quizzes and end of topic tests</p>	Regular homework quizzes via Collins Connect. Feedback during drop in
Topic/ Unit:	As per teacher allocation: Chapter 3- Explaining Physical				

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	Changes; Chapter 6 Exploring Magnetism and Electricity; and BOOK 3 Chapter 2 Our Health and The effects of Drugs 2.9-2.14		<p>Lesson 2: Work set for independent learning during next science lesson slot with that teacher.</p> <p><u>Live feedback lesson / drop in session as appropriate:</u> Science teacher to provide a 'drop in session' / feedback session to respond to the work set.</p> <p>If you teach all 7 lessons for one class you must do 2 live lessons and up to 2 feedback sessions per fortnight.</p>	<p>Google classrooms for additional resources where needed</p> <p>GCSE pod</p>	<p>sessions and on written homework</p>
Year 9	9 periods over 2 weeks	As per the curriculum map / AREs	<p><u>Over the course of two weeks per subject:</u></p> <p><u>Lesson 1:</u> Each subject teacher to provide a live lesson via zoom as per TT for all to attend</p> <p><u>Lesson 2:</u> Students to use 1-2 timetabled lessons to complete the work set by teacher</p> <p><u>Lesson 3:</u> Each subject teacher will provide either a 'drop-in session' if students need help with their work, or a feedback session as per timetable.</p>	<p>Collins Connect – KS4 textbook, homework quizzes and end of topic tests</p> <p>GCSE Pod</p> <p>Google classrooms for additional resources where needed</p>	<p>Homework quizzes and practice questions</p> <p>Regular informal feedback</p> <p>End of topic tests and feedback given</p>
Topic/ Unit:	Biology: Chapter 1 Cell Biology Chemistry: Chapter 1 Atomic Structure and the Periodic Table Physics: Chapter 1 Energy				
Year 10	9 / 12 periods over 2 weeks	As per the curriculum map.	<p><u>Over the course of two weeks per subject:</u></p> <p><u>Lesson 1:</u> Each subject teacher to provide a live lesson via zoom as per TT for all to attend</p>	<p>Collins Connect – KS4 textbook, homework quizzes and end of topic tests</p>	<p>Homework quizzes and practice questions</p> <p>Regular informal feedback</p>
Topic/ Unit:	Biology: Chapter 3 Moving and Changing Materials				

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	Chemistry: Chapter 2 Structure, Bonding and the properties of matter Physics: Chapter 3 Particle Model of Matter		Lesson 2 (and additional for triple): Students to use 1-2 timetabled lessons to complete the work set by teacher Lesson 3: Each subject teacher will provide either a 'drop-in session' if students need help with their work, or a feedback session as per timetable.	GCSE Pod Google classrooms for additional resources where needed	End of topic tests and feedback given
Year 11	9/12 lessons a fortnight	As per curriculum map	Over the course of two weeks per subject: Lesson 1: Each subject teacher to provide a live lesson via zoom as per TT for all to attend Lesson 2 (and additional for triple): Students to use 1-2 timetabled lessons to complete the work set by teacher Lesson 3: Each subject teacher will provide either a 'drop-in session' if students need help with their work, or a feedback session as per timetable.	Collins Connect – KS4 textbook, homework quizzes and end of topic tests	Homework quizzes and practice questions Regular informal feedback
Topic/ Unit:	Biology: Chapter 6 Genetics then Chapter 7 Variation and Evolution Chemistry: Chapter 7 Hydrocarbons then Chapter 8 Chemical Analysis Physics: Chapter 6 Waves			GCSE Pod Google classrooms for additional resources where needed	End of topic tests and feedback given
Year 12	12 lessons per fortnight	As per curriculum map			Exam questions based on topic Feedback: TBC
Topic/ Unit:					
Year 13	10 lessons per fortnight	As per curriculum map			Exam questions based on topic Feedback: TBC
Topic/ Unit:					