



Professionalism - Inclusion - Pedagogy - Curriculum

Overviews will be fortnightly in core and every three weeks in non-core

Subject: MATHS -this is for next weeks but also next half term too.
Dates from: 1/02/2021 – 12/02/2021 (Core) - but this covers that and next half term too.

	Feedback Unit Overview		How should students submit work? Google Classroom/Educake/ etc
Year 7	Rational Numbers (negatives, fractions, decimals) then next half term Collecting and Representing Data		
	Submitted tasks to receive feedback: Rational numbers: Students will create poster on Peaches Today, Peaches Tomorrow Investigation activity (mid-unit review), and end of unit will be asked to make a Cue card (revision card) on converting between FDP and submit photo to Google Classroom. Collecting and Representing Data: End of unit Data collection project - line of inquiry tbc [placeholder: counting number of cars that pass your house during certain time periods on different days] - to demonstrate understanding of data collection, visualisation and interpretation	Suggested wider reading: Article on Chika's Divisibility Test in Google classroom and google form quiz in response to reading to complete	All work all be submitted and feedback given through Google Classroom
Year 8	Scheme of learning/Unit: Area and Perimeter ; then next half term Standard Form (dealing with very big or very small numbers in a scientific context)		

	<p>Submitted task to receive feedback:Area and Perimeter: Build a model version of a room in their house, or their entire house using cardboard boxes etc. Photo to be submitted in GC along with notes.</p> <p>Standard Form: Create a cue card (revision card) showing key aspects of what you have learned on this topic and photo upload to GC.</p>	<p>Suggested wider reading Article on History of Measurement in GC and short google quiz in response to reading.</p>	<p>All work all be submitted and feedback given through Google Classroom</p>
Year 9	<p>Scheme of learning/Unit: Similarity; then next half term Pythagoras</p>		
	<p>Submitted task to receive feedback: Similarity: End of unit Diagnostic Questions Quiz and also create a poster showing learning to upload photo of. Pythagoras: Create poster (upload photo to GC) on Pythagoras and what you know and have learned.</p>	<p>Suggested wider reading: Article on Pythagoras in GC and short google quiz in response to reading.</p>	<p>All work all be submitted and feedback given through Google Classroom</p>
Year 10	<p>Scheme of learning/Unit: Linear Algebra; then next half term From 2D to 3D.</p>		
	<p>Submitted task to receive feedback: Linear Algebra: End of unit summary homework. Students choose 2 out of 3 sections to complete. Feedback given on homework in live lessons and private comments on GC. From 2D to 3D: End of unit project to create a 3D sculpture in their home using 3D containers in their home. To calculate the surface area and volume of their shape.</p>	<p>Suggested wider reading: Article in GC on Women in Maths and short google quiz in response to reading.</p>	<p>All work all be submitted and feedback given through Google Classroom</p>
Year 11	<p>Scheme of learning/Unit: Depending on set -work appropriate to filling gaps and making progress to work at higher GCSE grade</p>		
	<p>Submitted task to receive feedback: Each class set an exam question each week which they upload their solutions to - feedback on GC as well as feedback videos on topics identified from Fluency checks, raised by students in GC or live sessions.</p>	<p>Suggested wider reading: Article in GC on The Dangerous Ratio and short google quiz in response to reading.</p>	<p>All work all be submitted and feedback given through Google Classroom</p>

Year 12	Scheme of learning/Unit: Sequences and Series then moving on to All about Functions		
	Submitted task to receive feedback: Students just completed an assessment remotely online. Feedback to be given in the live lessons. Students are given kerboodle homework on videos set each week. Students are expected to message with questions they struggle with and these are addressed in live lessons. Post half term to introduce one exam question a week to mark and give feedback on.	Suggested wider reading: Articles on The History of Trigonometry in GC and short google quiz in response to reading	All work all be submitted and feedback given through Google Classroom
Year 13	Scheme of learning/Unit: Large Data Set ; then moving over next half term to Normal Distribution then Dynamics then Hypothesis Testing		
	Submitted task to receive feedback: Set exam question each week which they upload solutions to and feedback on GC as well as feedback videos on topics identified or raised by students in GC or live sessions	Suggested wider reading: Article in GC on How many Geometries are there? and short google quiz in response to reading	All work all be submitted and feedback given through Google Classroom

Students will be able to access suggested wider reading on MyOn or Google Classroom: these can be any online texts suitable to wider reading around a unit. Students can login at www.myon.co.uk with the Langdon Park online login