

## Curriculum Plan - Year 10 – 1<sup>st</sup> June 2020

Hello Year 10,

I hope you and your families are well. Please see below the work for you to complete from 1<sup>st</sup> June onwards...

- ◆ Go to [www.josephleckieacademy.co.uk](http://www.josephleckieacademy.co.uk)
- ◆ Click on 'Quick Links' and select 'Student Noticeboard'
- ◆ Login to your Office 365 account
- ◆ You will now be on the Student Noticeboard
- ◆ Click on Curriculum (top), then on Maths (left-hand side)
- ◆ Click on the Year 10 folder
- ◆ Click on the Week 11 Folder (This will be updated every week, with the topics listed below)
- ◆ Next, find your class in the table below:

Class	Folder to select	Topics to complete
10J1, 10L1	Gold	Labelling triangles
		Finding a side using the sine rule
		Finding an angle using the sine rule
		Finding a side using the cosine rule
		Finding an angle using the cosine rule
		Sine or cosine rule
		Sine rule in quadrilaterals
		Sine and cosine rule in quadrilaterals
		Labelling triangles
		Quadratic simultaneous equations
		Further quadratic simultaneous equations
		Simultaneous equations using substitution
		Finding a side using the sine rule
		Area of triangles
		Sine or cosine rule
		Area of triangle with cosine rule
		Finding a length or angle
		Area of quadrilaterals
		Split triangle sine and cosine rule
Multi triangle sine and cosine rule		
10J2, 10L2	Silver	Labelling triangles
		Finding a side using the sine rule

		Finding an angle using the sine rule
		Finding a side using the cosine rule
		Finding an angle using the cosine rule
		Sine or cosine rule
		Quadratic simultaneous equations
		Further quadratic simultaneous equations
		Simultaneous equations using substitution
		Area of triangles
		Area of compound triangles
		Sine or cosine rule
		Area of triangle with cosine rule
		Finding a length or angle
		10J3, 10L3
Substitution into nth term with negative terms		
Finding nth term		
Finding nth term with negative terms		
Descending sequence nth term		
Further descending sequences		
Shape patterns and nth term		
Problem solving		
Simultaneous Equations		
10J4, 10L4, 10J5, 10L5	Green	Substitution into nth term
		Multiples and nth term
		Finding nth term
		Further finding nth term
		Shape patterns and nth term
		Squares, cubes and indices
		Squares and cube roots
		Further powers
		First law of indices
		Second law of indices
		Third law of indices

- ◆ Open each subfolder
- ◆ 10 Gold and 10 Silver - Please complete all PDF files within each subfolder and use the examples provided as a guide. Please submit the work on the word document attached to the email sent by your class teacher. The email also has instructions for you to follow.
- ◆ 10 Red - Each folder consists of PDF booklets and Excel workbooks. Please work through the PDF booklets and type your answers in the Excel workbooks. Please follow the instructions emailed to you by your class teacher called 'Instructions to submit work on Excel'.
- ◆ 10 Green - Each folder consists of PDF booklets and Excel workbooks. Please work through the PDF Booklets and type your answers in the Excel Workbooks. Please follow the instructions emailed to you by

your class teacher called 'Instructions to submit work on Excel'.

- ◆ Any queries or concerns please email your class teacher or Miss Ravat.