Curriculum Plan - Year 10 – 29th June 2020

Hello Year 10,

I hope you and your families are well. Please see below the work for you to complete from 29th June onwards…

◆ Go to 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 15 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	Cancelling using factorisation
		Further cancelling using factorisation
		Cancelling using difference of two squares
		Linear then quadratic factorisation
		Advanced cancelling
		Adding fractions with algebraic numerators
		Adding fractions with algebraic denominators
		Adding algebraic fractions
		Subtracting algebraic fractions
		Adding and simplifying algebraic fractions
		Further quadratic simultaneous equations
		Simultaneous equations using substitution
10J2, 10L2	Silver	Cancelling using $x^2 + bx + c$ factorisation
		Cancelling using $x^2 - bx + c$ factorisation
		Cancelling using $x^2 \pm bx + c$ factorisation
		Cancelling using quadratic factorisation
		Cancelling using $ax^2 + bx + c$ factorisation
		Sine or cosine rule
		Finding the diagonal in quadrilaterals
		Sine rule in quadrilaterals
		Further sine rule in

		quadrilaterals
		Sine and cosine rule in quadrilaterals
10J3, 10L3	Red	Simplifying expressions
		Expanding double brackets
		Factorising with prefilled grids
		Factorising with partially filled grids
		Factorising positive quadratics
		Direct Proportion
		Inverse Proportion
		Solving ax + b inequalities
		Solving ax ± b inequalities
		Negative Indices
		Adding terms with negative powers
		Further adding terms with negative powers
		Multiplying terms with negative powers
10J4, 10L4, 10J5, 10L5	Green	Simplifying expressions
		Expanding double brackets
		Factorising with prefilled grids
		Factorising with partially filled grids
		Factorising positive quadratics
		Direct Proportion
		Inverse Proportion

◆ Open each subfolder

◆ 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 (Powers and Roots Module) - 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.