

Plan 2

(Maths)

Week	Classwork	Homework	Resources
1) 20 th February	Lesson 1: Mini Test and Feedback Make a note of the topics you need to focus on	Mathswatch November 2019 paper 1 to complete Topic worksheet to complete	Skills Practice homework sheets Mathswatch.vle
	Lesson 2: Equations of Tangents to Circles There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 51	Independent study: use your QR code Guidance: 1) Take out your Corbett Maths Handout with QR Codes. If you do not have it with you, you can access a copy here:	Padlet.com/mrdarnbrook/mathsmathsmaths Corbett Maths QR code booklet Friday lunchtime support in CM – you do not have to stay for all of it
	Lesson 3: Circle Theorems There will be exam style questions in this lesson to prepare you for your papers. To see more go to cards 11	www.padlet.com/mrdarnbrook/mathsmathsmaths 2) Think about how well you know these topics, label them Red Amber Green.	After school maths intervention

	<p>Lesson 4: Circle Theorems</p> <p>There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 12</p>	<p>3) Focus your Amber topics first. Watch the instructional video, make notes. Attempt the practice questions and check your answers.</p> <p>4) Email your teacher with any specific questions or queries you may have. They will answer your questions after the break.</p> <p>5) Continue until all the topics are Green</p>	
2) 27 th February	<p>Lesson 1: Recurring decimals to fractions and Fractional and Negative Indices</p> <p>There will be exam style questions in this lesson to prepare you for your papers. To see more go to cards 23 42/44</p>	<p>Mathswatch November 2019 paper 2 to complete</p> <p>Topic worksheet to complete</p> <p>Independent study: use your QR code booklet using the guidance above</p>	As above
	<p>Lesson 2: Transformations</p> <p>There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 79-81</p>		

Lesson 3: Quadratic inequalities

There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 67

Lesson 4: Exact trig values and expanding more complex brackets

There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 84

Notes for trial exams:

Paper 2 and 3 are calculator papers. Please make sure you bring your calculator. Paper 1 is non-calculator. If you don't know the final answer you can still gain a lot of marks by showing working out. Any relevant maths is better than leaving a blank for a guaranteed zero.

As Paper 2/3 are later in the mock calendar, you will have time to revise different topics. After Paper 1, do not waste time and energy worrying about the paper or spending too much time on these topics. Prepare for topics that haven't come up yet. Make a note on any questions you found hard. After the mocks have finished you can then revise all of these to prepare for the main exam.

Trying to concentrate for an hour straight on revision is difficult for most people. Split them up in to 20-minute chunks, with a break for movement in between. Try not to focus on the same topic for too long. Your memory will be helped if you come back to it at different times. When you Red Amber Green your topics, aim to turn the Amber in to Greens. Red usually means you should try to get some help from someone else: a teacher, a friend or anyone else you may have.

Recommended higher topics to revise after Paper 1:

Standard Form (Card 74)

$y = mx + c$ (Card 47)

HCF (Card 61)

Similar Shapes (Card 72)

Pythagoras (Card 65)

Cubic Graphs (Card 36)

Iteration Formula (Card 13)

Box Plots (Card 22)

Quadratic Formula (Card 66)

Composite Functions (Card 32)

Inverse Functions (Card 33)

Histograms (Card 41)

Estimate the mean (Card 52)
Bearings (Card 9)
Vectors (Card 86)
Trigonometry in 3D (Card 82)
Area of a Trapezium (Card 7)
Gradient between two Points (Card 48)
Circumference of a Circle (Card 14)
Probability Trees (Card 59)
Density (Card 15)
Inverse Proportion (Card 63)
Circle Theorems (Card 11/12)
Change the Subject (Card 10)
Equation of a Circle (Card 24)
Enlargements (Card 78)
Volume of Cones and Spheres (Card 88/90)
Exponential Graphs (Card 34)

