# Plan 2
# (Maths)

| Week | Classwork | Homework | Resources |
|---|---|---|---|
| 1) 20th February | Lesson 1: Mini Test and Feedback<br><br>Make a note of the topics you need to focus on | Mathswatch June 2019 paper 1 to complete<br><br>Topic worksheet to complete | Skills Practice homework sheets<br><br>Mathswatch.vle<br><br>Padlet.com/mrdarnbrook/mathsmathsmaths |
| | Lesson 2: Column vectors and calculating fractions<br><br>There will be exam style questions in this lesson to prepare you for your papers. To see more go to cards 29, 30 and 31 | Independent study: use your QR code<br><br>Guidance:<br><br>1) Take out your Corbett Maths Handout with QR Codes. If you do not have it with you, you can access a copy here: | Corbett Maths QR code booklet<br><br>Friday lunchtime support in CM – you do not have to stay for all of it |
| | Lesson 3: Cumulative frequency diagrams<br><br>There will be exam style questions in this lesson to prepare you for your papers. To see more go to cards 21 | www.padlet.com/mrdarnbrook/mathsmathsmaths | After school maths intervention |

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|---|---|---|---|
| | Lesson 4: Equation of a straight line given two points<br><br>There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 47, 48 and 49. | 2) Think about how well you know these topics, label them Red Amber Green.<br>3) Focus your Amber topics first. Watch the instructional video, make notes. Attempt the practice questions and check your answers.<br>4) Email your teacher with any specific questions of queries you may have. They will answer your questions after the break.<br>5) Continue until all the topics are Green | |
| 2) 27th February | Lesson 1: Recurring decimals to fractions and laws of indices<br><br>There will be exam style questions in this lesson to prepare you for your papers. To see more go to cards 23, 43 and 44<br><br>Lesson 2: Transformations<br><br>There will be exam style questions in this lesson to prepare you for your papers. To see more go to card 77-81 | Mathswatch June 2019 paper 2 to complete<br><br>Topic worksheet to complete<br><br><br>Independent study: use your QR code booklet using the guidance above | As above |

Lesson 3: Quadratic inequalities

There will be exam style questions in this lesson to prepare you for your papers. To see more go to https://corbettmaths.com/contents/ and scroll down to quadratic inequalities

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: https://youtu.be/PF2nmCVSUEs (or 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.

QR code handout

Maths revision booklets

Mr Darnbrook's Padlet

Instructional Videos on Mathswatch

Homework on Mathswatch.vle

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:

Ratio (card 68)

Calculating with fractions (card 29, 30, 31)

Indices (card 43, 44)

Cumulative frequency diagrams (card 21)

Equation of a straight line (card 47, 48, 49)

Recurring decimals to fractions (card 23)

Learn exact trig values – watch video: https://youtu.be/PF2nmCVSUEs (or card 84)

Surds (card 75, 76)

Mathswatch login example

Name: Joseph Bloggs

Username: joseblog@montsaye

Password: Date of birth eg. 05/06/2006