

NEW THIS WEEK....

2nd March 2020

- Part 7 of the final countdown (with markschemes and examiners reports) added to essentials tab of the teachers toolkit
- Parts 16 to 21 of the ½ mark questions for Foundation tier added to "Final Stretch 2020".

28th Feb 2020

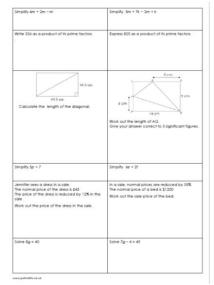
- Parts 5 and 6 of the final countdown added to student tab.
- Parts 5 and 6 of the final countdown (with markschemes and examiners reports) added to essentials tab of the teachers toolkit.

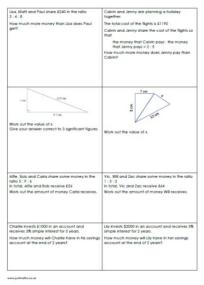
24th Feb 2020

- QLA spreadsheets for Eduqas November 2019 papers added.
- More bread and butter sheets.

13th February 2020

- RAG papers can now be generated for the November 2019 Higher papers 3 from Edexcel
- More bread and butter sheets and a MONSTER review point 10 ... the idea is that we are modelling the questions on the left and students complete the ones on the right for homework.





10th February 2020

 RAG papers can now be generated for the November 2019 Higher papers 1 and 2 from Edexcel

4th February 2020

- Bread and butter worksheets for crossover and working towards uploaded
- Review points also uploaded.

1st February 2020

- AQA Higher paper worked solutions for November papers
- Feb Maths calendar and Jan solutions

• Bread and butter worksheets.

28th January 2020

- Bread and Butter starter worksheets added to essentials/bread and butter / 19-20
- Worked solutions for AQA November Foundation papers

27th January 2020

- Bread and Butter starter worksheets added to essentials/bread and butter / 19-20
- Final countdown part 3 and 4 added to student "Final countdown" tab and part 4 added to the essentials tab of the teacher toolkit (Solutions and MSchemes are in the teacher toolkit)
- Parts 11 to 15 of the ½ mark questions for Foundation tier added to "Final Stretch 2020".

19th January 2020

- Bread and Butter starter worksheets added to essentials/bread and butter / 19-20
- Review Point also added.
- Grade boundaries from all the boards and comparisons with other boards and over time in the essentials/grade boundaries.
- Parts 6 to 10 of the ½ mark questions for Foundation tier added to "Final Stretch 2020".

12th January 2020

- Bread and Butter starter worksheets added to essentials/bread and butter / 19-20
- Final countdown part 1 added to student "Final countdown" tab and parts 2 and 3 added to the essentials tab of the teacher toolkit.

5th January 2020

• Frequency analysis for the first 6 sittings for Edexcel exams is now available in the Essentials tab (Grade Boundaries and Data!)

3rd January 2020

- RAG papers can now be generated for the November 2019 foundation papers from Edexcel (Higher tier to follow)
- The 3rd and final phase of the "Starter for 10" added to the essentials tab of the teacher toolkit
- NOTE: You will also see a new folder called "the final stretch" where I will be placing the questions (over the next week or so) for the high frequency 1/2 mark questions from Edexcels foundation tier papers. There is a document in the folder that explains in more detail.

17th December 2019

• Some more "How to sheets" for Summer 2018 have been uploaded to Essentials / past papers / Summer 2018 / Edexcel this time for Foundation Paper 3

16th December 2019

• I know some of you will want to leave work this week ahead of the game and so I've made part 1 of the final countdown available in a NEW folder of the teachers toolkit for the 2020 Final Countdown (I'm starting a bit earlier this year and going for a longer run at the exams from January!). As usual I will then make these available in the student tab called "final countdown" with the Markscheme/Examiners Reports added the following week when part 2 is made available. NEW THIS YEAR ... by request I have added a Foundation only version too that will eventually cover most of the skills not covered on the Crossover topics so will be suitable for your grade 1 to 3 students.

12th December 2019

Worked solutions for Summer 2017 OCR paper uploaded to essentials / past papers.

5th December 2019

• Mini tests for KS3 scheme of work year 7 units now available

1st December

Maths calendars for December and solutions for November available.

29th November

• 3 worksheets (Basic skills, crossover and higher) uploaded specifically for use over the Christmas break.

24th November

- Worked Solutions for November 2019 Edexcel papers now available.
- One page Markscheme for Summer 2019 Foundation paper 1 available as an experiment to aid marking. Let me know what you think! mel@justmaths.co.uk

12th November

• ALL RAG papers for Edexcel Summer 2019 now available.

4th November

 Rag Papers for Edexcel Foundation paper 1, paper 2 and paper 3 and Higher tier paper 1 for Summer 2019 now available.

30th October

• Phase 2 (lessons 41 to 80) of the starter for 10s (Fluency type starters) uploaded to essentials/starter for 10.

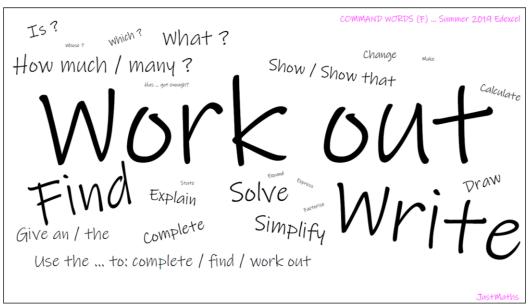


- Some worked solutions to chapter 5 and 6 for Year 1 of the Pearson Edexcel A level (Pure Maths) added to extras / Edexcel A level.
- COMMAND WORD POSTERS and analysis now done for AQA and Pearson Edexcel I have written about them here:
 - https://justmaths.co.uk/2019/10/24/command-words-1-of-4/
 - https://justmaths.co.uk/2019/10/29/command-words-2-of-4/

Added to the grade boundary folder in the essentials tab.

20th October

• I have done some analysis around "command words" used in the pearson/edexcel Summer 19 papers (the other boards are on their way!) which I have put in the essentials / grade boundaries /analysis folder. You will also find some command word posters using this data.



6th October

- We are using Edexcel Mock 4 as a baseline assessment with year 11 this week (only papers 1 and 2) and so have included some "oops" questions for paper 1 in the essentials tab (10 Samples, specimens and mocks / secure mock 4/ oops
- Solutions to the September calendars added to the essentials tab and also the student "Final countdown" dropdown at the top of the site.

29th September

 Monthly maths calendar added to essentials/monthly maths and also Final Countdown tab (for both teacher and student login)

22nd September

 How to worksheets for Edexcel Summer 19 papers are being put together. Questions 1 to 13 for Foundation paper 1 have been uploaded to Essentials/Past Papers/ Edexcel/ How to Worksheets.

Summer 2019. UPDATE

- You will notice there is a new exam solutions tab at the top of the page. This is password protected with each paper having a different password. You will find the password document at the bottom of the "essentials" tab.
- Worked solutions, papers and markschemes ALL Boards added to Essentials / Past Papers)
- QLA for use with Edexcels Summer papers or the results plus down
- Crossover questions from Edexcel Summer 19 paper 2 and 3 added to essentials/past papers/Summer 19.
- Grade Boundaries (plus some comparisons and changes over time) added to Essentials / grade boundaries
- All KS2 papers from 2016 including worked solutions, markschemes and QLAs have been added to the essentials/past papers
- Maths calendars for Sept added to Essentials tab and also the student final countdown folder for both "crossover" and number skills.

PLEASE NOTE I WILL HAVE MOVED SOME OF THE FOLDERS FROM THE ESSENTIALS TAB (AS I HAVE DONE IN PREVIOUS YEARS) AND THEY WILL REAPPEAR WHEN WE START THE LEAD UP TO NEXT SUMMERS

EXAMS. THEY WILL STILL BE AVAILABLE IN THE EXTRAS TAB (filenames all starting with Summer 19). I HAVE ALSO EMPTIED THE STUDENT "FINAL COUNTDOWN" FOLDER TAB THAT APPEARS AT THE TOP OF THE STUDENT LOG IN – This is where they will find additional work (such as the maths calendars) to do based on what we provide our students to do ... there is no excuse not to do some work!

7th July 2019

 Solutions for chapter 1 for the Edexcel Year 1/AS Pure Mathematics textbook added to Teacher toolkit.

11th June 2019.

• Crossover questions from Edexcel Summer 19 paper 1 added to essentials/past papers/Summer 19.

9th June 2019

Breakfast workouts for paper 2 preparation added to "essentials tab"

6th June 2019

- Practice papers for paper 3 (all boards)
- Topic "hit lists" that haven't made an appearance for all boards.

3rd June 2019

• **Breakfast workouts** for paper 2 preparation added to folder in the essentials tab – these are tailored for the specific boards based on what hasn't made an appearance in paper 1. (the same will be available for paper 3 preparation as will lists / practice papers etc)

21st May 2019

- Topics not yet made an appearance in paper 1 lists added to essential tabs for all boards
- Between paper 1 and 2 Bumper practice papers uploaded for Edexcel and AQA.

19th May 2019

- Half term homework for next week added to essentials tab
- **Breakfast workouts** (also suitable for revision) added to new folder in the essentials tab paper 1 worksheets is suitable for ALL boards but sheets for paper 2 and paper 3 will be tailored for the specific boards based on what comes up in the paper 1.

15th May 2019

• Final countdown questions and markschemes for part 13 for Higher only students and Part 15 for crossover students are now available in the essentials tab (Final Countdown). These are the last papers of this type that will be done in prep for this summers exams.

<u>Please note that "Between papers" practice papers will be available late on Tuesday / early</u>
Wednesday ... bear with us and we put these together.

13th May 2019

 "Before paper 1 BUMPER PRACTICE PAPERS" for Pearson (H and F tiers) added to the essentials tab.

12th May 2019

- Final countdown week 14 added to teacher toolkit.
- High frequency topics 11 23 for Edexcel foundation worksheets put into Essentials / Last few lessons
- Lesson worksheet for constructions added to 55 Constructions.

7th May 2019

Two lesson worksheets added to teacher toolkit/crossover/15 Reverse Percentages. I
have included the word version so that you can add your own starter. See this blog post
for more information

30th April 2019

• Maths calendars (and solutions for April) have been added to the essentials tab of the teacher toolkit and to the final countdown tab of the student login.

29th April 2019

 Lesson worksheet added to teacher toolkit/crossover/56 - Circles. I have included the word version so that you can add your own starter. See this blog post for more information

24th April 2019.

Topics 6 – 10 for the below "Starting Strong – Edexcel foundation paper" have been added to Essentials Tab of JustMaths Online (00 – Summer 19 – The last few lessons.)

23rd April 2019

As part of a bigger project looking at the frequency in which topics have appeared (which will be published after this summer's sitting) I have spent some time looking at the start both the Higher and Foundation tiers for Edexcel in order to produce some breakfast workout worksheets based on what topics "may" come up and I have come up with a list of topics specifically aimed at helping students nail those 1-mark questions at the start of the Foundation papers.

- 1. Rounding.
- 2. Place value putting numbers into size order.
- 3. Fraction, Decimal and Percentage conversions.
- 4. Fraction equivalence
- 5. Simplifying expressions
- 6. Solving equations
- 7. Powers, indices, roots and 4 operations
- 8. Probability Scale (and probability = 1)
- 9. Metric conversions
- 10. Types of number (primes, factors, multiples)
- 11. Definitions & properties of 2D shapes
- 12. Area of simple shapes
- 13. Sequences
- 14. Coordinates
- 15. Ratio
- 16. Percentages
- 17. Fractions
- 18. Bar Charts, pictograms
- 19. Averages
- 20. Combinations
- 21. Product of Prime factors
- 22. Substitution
- 23. Expanding and factorising

Following this I have collated most of the questions that have already appeared in the first four sittings of the Edexcel Foundation GCSE for topics 1 to 5 (the rest will follow). Each topic is on a separate sheet as they may be useful for revision sessions, lesson starters or homework. I have also saved in the Essentials Tab of JustMaths Online (00 – Summer 19 – The last few lessons.)

I intend to use this information for some breakfast / revision worksheets targeted at high frequency 1 (and sometimes 2) mark questions to give students some confidence and much-needed practice before their exams. I will also have something shortly (the weekend) for the Higher tier and the remaining topics above will follow.

22nd April 2019

Final countdown part 11 Higher and Part 12 for Crossover and Higher Only uploaded.

16th April 2019

• RAG paper now available for AQA Foundation Paper 1 Summer 2018. For a complete list of available papers check out this <u>blog post</u>.

PLEASE NOTE: We have recently upgraded the filing structure and I've reorganized the "essentials" and "extras" tab – making some things easier to find (fingers crossed!). **Any issues with accessing files please email** support@justmaths.co.uk (Can I ask that you try using Chrome as your browser in the first instance .. not sure if anyone still uses Internet Explorer anyway!)

8th April 2019

 Murder Mystery lesson possibly suitable for those transition days that you have to do with your feeder schools. Added to Teacher toolkit/extras (I will be using it this week to trial run it ... and probably iron out any issues!! You will need to insert your school name and also head of maths name on one of the slides.

7th April 2019

- RAG paper now available for OCR November 2017 Higher Paper 3. For a complete list of available papers check out this blog post.
- Lesson worksheet added to teacher toolkit/crossover/08 Exchange rates.
- Lesson worksheet added to teacher toolkit/crossover/43 Pythagoras 2 finding angles.

4th April 2019

- Final countdown part 10 Higher and Part 11 Crossover
- Lesson worksheet for Proportion recipes added to Crossover/18 Proportion Recipes
- Proportional Reasoning <u>revision worksheet</u> added to essentials/00 Exam prep and revision resources / 00 – Topic Based WSheets.

3rd April 2019

- RAG paper now available for OCR November 2017 Higher Paper 2. For a complete list of available papers check out this <u>blog post</u>.
- Conversion Graphs Lesson Worksheet and 4 questions worksheet added to Crossover/ 38 Real life graphs

2nd April 2019

- "How to" worksheets for November 2018 Edexcel Higher paper1 questions 7 to 22 available in past papers/Nov 2018/Edexcel/How to
- Standard form Lesson Worksheet (version 2) added to Crossover/ 19 standard form.

1st April 2019

- Lesson Worksheet for 14 Fractions
- We have also upgraded the filing structure and I've reorganized the "essentials" and
 "extras" tab making some things easier to find (fingers crossed!). Any issues with
 accessing files please email support@justmaths.co.uk (Can I ask that you try using
 Chrome as your browser in the first instance .. not sure if anyone still uses Internet
 Explorer anyway!)

30th March 2019

Final Countdown part 9 available in Essentials and student "final countdown"tab.

- Lesson Worksheets for
 - 32 Straight line graphs
 - o 34 Coordinate Geometry
 - Time 29 and 31 Time Series and frequency polygons
 - o 30 Scatter graphs
 - See this blog post for more information
- Solution set for the "starters for 10 (phase 1)

24th March 2019

- Final Countdown Higher Only Part 8 now visible only in Essentials (Teacher toolkit) and in the student tab -> "Final Countdown".
- "How to" worksheets for November 2018 Edexcel Foundation paper 1 (all apart from Q26) and Higher Paper 1 (Questions 1 to 6). The remaining papers are on their way!! Saved in Essentials/Past Papers/ November 2018/ Edexcel/How to WSheets
- Papers, markschemes and worked solutions for Eduqas Summer 2018 papers. These are really useful if you teach higher attaining sets even if you don't use Eduqas as a good source of longer questions. Saved in Essentials/Past Papers/ November 2018/ Eduqas

21st March 2019

 Lesson Worksheet for Directed numbers added to Working Towards – No.02 and Lesson Worksheet for Expand and Simplify added to Crossover/22 Expand and Simplify. I have included the word version so that you can add your own starter. See this blog post for more information

20th March 2019

 How to sheets for November 2018 Questions 1 to 10 for foundation paper 1 ... uploaded to Essentials/PastPapers/Nov 18/ Edexcel

17th March 2019

 Worked Solutions for AQA March 2018 Functional Skills papers Level 1 and Level 2 now available.

15th March 2019

• <u>Countdown Part 7 and Part 8 uploaded.</u> Solutions to part 6 uploaded to Student tab at the top of JustMaths Online. You will find solutions to Parts 7 and 8 in the essentials tab of the Teacher Toolkit.

12th March 2019

 Lesson worksheets for 22 – Solving Linear Equations, 73 and 74 – Simultaneous Equations (2 lessons), 71 – Forming and Solving equations, 51 - Probability trees diagrams and (working towards)-> Sample Space Diagrams.

10th March 2019

• If you are a PIXL school you will find QLA sheets for the Edexcel Autumn 2018 papers that you can use that will enable you to produce a 1 page sheet for your students and also colour codes the scores – specific columns as detailed need to be deleted before submitting to PIXL in the usual way. Note that if you enter NA (for not attempted) the boxes will turn black.

4th March 2019

- **Countdown part 6 uploaded**. I have included a "calculator" icon on questions where a calculator is allowed.
- March 2018 Maths Calendars uploaded
- OCR Worked solutions for Nov 18 also available.

24th February 2019

• **Countdown part 5 uploaded**. I have included a "calculator" icon on questions where a calculator is allowed.

• AQA Functional Skills Jan 2018 Solutions. I have also added the papers and MSchemes for Jan and March 2018 for AQA Functional Skills Level 1 and Level 2.

23rd February 2019

- Lesson worksheets added for 23 Factorising, 29 Quadratic and Cubic Graphs (2 parts), 05 Inequalities
- Worked solutions for AQA November 2017 (all papers)

11th February 2019

- Lesson worksheet added for 27 Averages from a table, 28 Averages from Grouped date, 11 Interest & Growth, 12 Depreciation & Decay, 46 Alternate and Corresponding angles and 47 Interior and Exterior angles. I have included the word version so that you can add your own starter. See this <u>blog post</u> for more information.
- RAG paper now available for Edexcel November 2018 Higher Paper 3. For a complete list
 of available papers check out this <u>blog post</u>.
- · Countdown part 4 uploaded.

5th February 2019

• Countdown PART 3 uploaded for Crossover and Higher only.

Solutions/markschemes are uploaded to the Teacher toolkit (essentials folder) during the same week that they are uploaded but a week later to the "final countdown" tab at the top that the students can access.

3rd February 2019

- Monthly maths calendar for Jan 2019 added to final countdown tab and also the essentials/maths calendar of the teacher toolkit (oops later than I wanted it to be, but it was my 25th wedding anniversary this weekend!
- Lesson worksheet added for 36 Speed/Distance and Time. I have included the word version so that you can add your own starter. See this <u>blog post</u> for more information.
- RAG paper now available for Edexcel November 2018 Foundation Paper 3. For a complete list of available papers check out this <u>blog post.</u>

29th January 2019

• RAG paper now available for Edexcel November 2018 Higher paper 2. For a complete list of available papers check out this <u>blog post</u>.

27th January 2019

- <u>Countdown PART 2 uploaded for Crossover and Higher only.</u> I have also corrected the front sheet of part 1 for Higher Only.
- Worked solutions for November 2018 paper for:
 - o AQA F Paper 2 and 3 and H Paper 3.

23rd January 2019

- Countdown PART 1 Uploaded
 - o 2 versions available Crossover and Higher only.
- Worked solutions for November 2018 paper for:
 - $\circ\quad$ AQA F Paper 1 and H Paper 1 and Paper 2.
 - o OCR F Paper 1 and H Paper 1.
- Lesson worksheet added for 49 Pie Charts
- *Missing* Crossover end of unit test for 34iii Trig finding sides uploaded to "Essentials/Mini Tests/ Crossover"

21st January 2019

- QLA workbooks available for Edexcel November 2018 papers (including if you are using the data from ResultsPlus or looking for a manual version for students to fill in themselves)
- Grade boundary folder and document added to pass papers that includes boundaries for each sitting and paper.
- Worked Solutions for "working above mini tests" Series now complete.

20th January 2019

• 2 "Lesson" worksheets added for 42 – Trigonometry (Finding sides) and "lesson" worksheet for 44 – Bearings. I have included the word versions so that you can add your own starter. See this <u>blog post</u> for more information.

18th January 2019

• 12c Histograms, 13b Gradients and Areas under curves, 14 Circle Geometry, 16 Algebraic Fractions and 17 Functions, mini-tests uploaded to "Essentials/Mini Tests/ working above

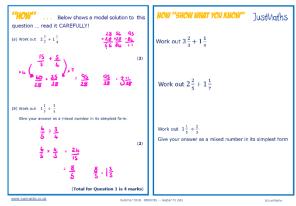
17th January 2019

 06a Quadratics & Completing the square (solutions) and 06c Quadratic formula, 18 – Algebraic Proof and 19 – Congruency & proof mini-tests uploaded to "Essentials/Mini Tests/ working above

15th January 2019

• "How to" worksheets for Edexcel Summer 2018 for: Higher P1 ... the rest are work in progress (H and F P1 both now done)

Added to: essentials/Past Papers/2018 Summer/Edexcel/How to Wsheets.



 "Lesson" worksheet added for 39 - Pythagoras and 40 - Pythagoras 2 I have included the word versions so that you can add your own starter. See this <u>blog post</u> for more information.

13th January 2019

• RAG paper now available for Edexcel November 2018 Higher paper 1. For a complete list of available papers check out this <u>blog post</u>.

27^h December 2018

• "Lesson" worksheet added for 04 – Product of prime factors (including HCF and LCM) I have included the word versions so that you can add your own starter. See this <u>blog post</u> for more information.

26^h December 2018

RAG paper now available for Edexcel November 2018 Higher paper 1. For a complete list
of available papers check out this <u>blog post</u>.

20th December 2018

• Monthly maths calendar for Jan 2019 added to final countdown tab and also the essentials/maths calendar of the teacher toolkit.

17th December 2018

 Updated Christmas Quiz added to Teacher Toolkit/ Extras/ Misc Teaching Resources/ Quizzes.

16th December 2018

Worked solutions for AQA Summer 2018 papers along with a QLA spreadsheet that can
be used should you be using the papers for mocks. Enter the scores in the sheets for the
relevant papers and then enter the student "reference" number on the analysis sheet to
produce a QLA for each student. Alternatively, a blank version is included should you
want to get the students to do their own RAG sheet.

14th December 2018

• RAG paper now available for Edexcel November 2018 Foundation paper 1. For a complete list of available papers check out this <u>blog post.</u>

11th December 2018

• I have been asked to continue to upload the "lesson" worksheets as I compile them – people seem to like the idea. "Lesson" worksheets added for 62 – Similarity and Congruence, 21 – Index Laws and 69 – Sequences. I have included the word versions so that you can add your own starter. See this <u>blog post</u> for more information.

9th December 2018

- Worked solutions for November Edexcel Higher papers.
- Complete "lesson" worksheet added for 68 Vectors. I have included the word versions so that you can add your own starter

6th December 2018

• RAG paper now available for AQA 2017 Higher paper 3. For a complete list of available papers check out this <u>blog post</u>.

5th December 2018

 Worked Solutions for November Edexcel Foundation papers (Higher to follow) along with mark schemes for the November Edexcel papers

2nd December 2018

- Monthly maths calendar added to final countdown tab and also the essentials/maths calendar of the teacher toolkit.
- RAG function now includes AQA Higher paper 2 from November 2017. For a complete list
 of available papers check out this <u>blog post</u>.

27th November 2018

• Complete "lesson" worksheet added for 17 – Ratio 2 and 19 – Standard Form. I have included the word versions so that you can add your own starter.

25th November 2018

- Complete "lesson" worksheet added for 63 Enlargements, 64 Reflections, 65 Rotations and 67 Translations to Teacher Toolkit/Crossover. See this <u>blog post</u> for more information.
- RAG paper now available for OCR November 2017 Higher paper 1. For a complete list of available papers check out this <u>blog post</u>.

21st November 2018.

I have added a new style starter that I am calling "starter for 10". The idea is that each lesson starts with six AO1 (using and applying) style questions – the ones that come up at the start of the Foundation tier with skills repeated every 5 starters over a 10-week period, so students should be encouraged to check previous working out. The next phase will then focus on similar skills as laid out in the spreadsheet that I have saved in the folder.

20th November 2018

- QLAs added for Edexcel secure mock set 3 (essentials/past papers/secure mocks)
- Common Questions from November 2018 Edexcel
- 03b Non-Linear graphs mini-test for "working above"

18th November 2018

- "Pep talk posters" added to extras/revision and exam prep.
 - The idea is to use these when students are lining up to go into their exams as an alternative (or in addition?) to the usual pep talk they are given. These have worked particularly well for large year groups where noise/echoes are an issue.

- "How to" worksheets for Edexcel Summer 2018 for: Foundation P1 ... the rest are work in progress.
- "How to" worksheets for Edexcel November 2017 for:
 Foundation P2 (previously part complete), Foundation P3,
 Higher P1 (previously part complete), Higher P2 and Higher P3

SERIES NOW COMPLETE