



Maths Higher GCSE Revision Plan

Each daily task is designed to be a manageable, bitesize chunk. You may choose to manage your time by combining tasks and spending longer on set days or at weekends.

The tasks include watching a video on YouTube and then answering a question(s) from the revision guide.

Date	Focus	Revision Task	✓
Mon 23/02	Multiplying Decimals Prime Factorisation	https://www.youtube.com/watch?v=MZ7brXpdO7A https://www.youtube.com/watch?v=lZaHbU_HGr0 Complete the questions on Page 3.	
Tue 24/02	Highest Common Factor Lowest Common Multiple	https://www.youtube.com/watch?v=Qd9trCemMNg https://www.youtube.com/watch?v=4YVK8RhgIN4 Complete the questions on Page 4.	
Wed 25/02	Laws of Indices	https://www.youtube.com/watch?v=wWsg1VVOhT4 https://www.youtube.com/watch?v=Nfa9LxBzFr0 https://www.youtube.com/watch?v=z_torthDS2c Complete the questions on Page 5 and 6	
Thu 26/02	Standard Form	https://www.youtube.com/watch?v=45eSDkQYGPE https://www.youtube.com/watch?v=iamd0jxMrBI Complete the questions on Page 6 and 7	
Fri 27/02	Surds	https://www.youtube.com/watch?v=rHIbjVAEkuo https://www.youtube.com/watch?v=JRok_prg-7w https://www.youtube.com/watch?v=ikzirqmn4fc https://www.youtube.com/watch?v=AobM_mPEY10 https://www.youtube.com/watch?v=QV8TfJSqsV8 https://www.youtube.com/watch?v=ixCIVENgZ6M Complete the questions on Pages 7, 8, 9 and 77	
Sat 28/02	Exam Paper – May 2019 P1		
Sun 01/03	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_que_20190522.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_rms_20190822.pdf		
Mon 02/03	Expanding Factorising Substitution	https://www.youtube.com/watch?v=WUXCFtL5G3U https://www.youtube.com/watch?v=yIshSwge8bw https://www.youtube.com/watch?v=oGFLF_mpXH8 Complete the questions on Page 10 and 11	
Tue 03/03	Changing the subject Expanding Double Brackets Factorising Quadratics	https://www.youtube.com/watch?v=QmBmzE5PnyA https://www.youtube.com/watch?v=Bhjo0x5ow5k https://www.youtube.com/watch?v=CPzWzl3U5Gg Complete the questions on Page 12 and 13	
Wed 04/03	Solving Equations Form and Solving Equations	https://www.youtube.com/watch?v=BMOWl2Bidm0 https://www.youtube.com/watch?v=5lRQC0KmkYY Complete the questions on Page 13 and 14	
Thu 05/03	Sequences	https://www.youtube.com/watch?v=uGLY2R-0TpU https://www.youtube.com/watch?v=B3iPJzTaTRs https://www.youtube.com/watch?v=h4rMIhj1EKU https://www.youtube.com/watch?v=jANSRGgOip8 Complete the questions on Page 15 and 16	
Fri 06/03	Reverse Mean Two Way Tables Frequency Trees	https://www.youtube.com/watch?v=P1-YpGDdsX0 https://www.youtube.com/watch?v=DuDdWCxMiJg Complete the questions on Page 17 and 18	
Sat 07/03	Exam Paper – June 2019 P2		
Sun 08/03	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_2H_que_20190607.pdf		

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	Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_2H_rms_20190822.pdf	
Mon 09/03	Pie Charts Frequency Polygons Scatter Graphs	https://www.youtube.com/watch?v=RX4k1tgCKvM https://www.youtube.com/watch?v=les6mCSTQ_o https://www.youtube.com/watch?v=INly2P0Pmag Complete the questions on Page 18 and 19
Tue 10/03	Averages from a Table Averages from a Stem and Leaf	https://www.youtube.com/watch?v=X98Q4iK3IfA https://www.youtube.com/watch?v=R6eMvC-LB34 Complete the questions on Page 20
Wed 11/03	Percentage Change Reverse Percentages	https://www.youtube.com/watch?v=aH7d2QfnAmM https://www.youtube.com/watch?v=4ZY3FhPLnlw Complete the questions on Page 21
Thu 12/03	Fraction Calculations Ratio, Fraction and Percentage Problems	https://www.youtube.com/watch?v=xhh3vyVhuaU https://www.youtube.com/watch?v=YFcc2jx0_A8 Complete the questions on Page 22
Fri 13/03	Ratio	https://www.youtube.com/watch?v=irDuID6S-B8 https://www.youtube.com/watch?v=7-vNSuzBcp8 https://www.youtube.com/watch?v=xVleBohgcaE Complete the questions on Page 23 and 24
Sat 14/03	Exam Paper – June 2019 P3	
Sun 15/03	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_3H_que_20190612.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_3H_rms_20190822.pdf	
Mon 16/03	Direct Proportion in Context Inverse Proportion in Context	https://www.youtube.com/watch?v=mZFwG-ntk8Y https://www.youtube.com/watch?v=D2bRArIGHiI Complete the questions on Page 24 and 25
Tue 17/03	Best Buys Exchange Rates Recipes	https://www.youtube.com/watch?v=Wkqjn5PuePE https://www.youtube.com/watch?v=8ERGHuNtJbl Complete the questions on Page 25 and 26
Wed 18/03	Angles in Triangles and Quadrilaterals Angles in Polygons Angles in Parallel Lines	https://www.youtube.com/watch?v=9urbnaEz9Og https://www.youtube.com/watch?v=vDUetnTBwSo https://www.youtube.com/watch?v=1Je_5_GN29o Complete the questions on Page 27 and 28
Thu 19/03	Pythagoras and Trigonometry Exact Values	https://www.youtube.com/watch?v=JCG4HHGVqiY https://www.youtube.com/watch?v=x3Cd8HJCvII https://www.youtube.com/watch?v=LhswRR8jmks https://www.youtube.com/watch?v=wBX0YXKThBs Complete the questions on Page 28, 29 and 30
Fri 20/03	Distance-Time Graphs Equation of a Line Perpendicular Lines	https://www.youtube.com/watch?v=C6S7QQn38XU https://www.youtube.com/watch?v=bOzYAhsO-g4 https://www.youtube.com/watch?v=Oe3kXsk3VWw Complete the questions on Page 31 and 32
Sat 21/03	Exam Paper – November 2019 P1	
Sun 22/03	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_que_20200116.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_msc_20200116.pdf	
Mon 23/03	Quadratic, Cubic and Reciprocal Graphs	https://www.youtube.com/watch?v=xcthlHWOnL8 Complete the questions on Page 32 and 33

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Tue 24/03	Area of 2D Shapes Area of Compound Shapes	https://www.youtube.com/watch?v=KnY9tO7Cl8 https://www.youtube.com/watch?v=W4VvmdU5KK0 Complete the questions on Page 34	
Wed 25/03	Surface Area and Volume of Prisms	https://www.youtube.com/watch?v=eA09WYZeeCA https://www.youtube.com/watch?v=4dYGDoqOhFo Complete the questions on Page 35	
Thu 26/03	Area and Circumference of a Circle Arcs and Sectors	https://www.youtube.com/watch?v=YVSrILcX4pQ https://www.youtube.com/watch?v=j45UN4RrmwA Complete the questions on Page 36 and 37	
Fri 27/03	Volume and Surface Area of Cylinders, Cones, Spheres and Frustums	https://www.youtube.com/watch?v=YsFmwUQADvQ https://www.youtube.com/watch?v=Fl6Gpnr2daA https://www.youtube.com/watch?v=n9HpfwFCe9w https://www.youtube.com/watch?v=5xym0latO4c Complete the questions on Pages 37, 38 and 39	
Sat 28/03	Exam Paper – November 2019 P2		
Sun 29/03	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_2H_que_20200116.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_2H_msc_20200116.pdf		
Mon 30/03	Error Intervals and Bounds	https://www.youtube.com/watch?v=xcOJxkxqNbU https://www.youtube.com/watch?v=ELJSdBf9jFg https://www.youtube.com/watch?v=k8vPdaYARIY Complete the questions on Page 39 and 40	
Tue 31/03	Translation Rotation Reflection	https://www.youtube.com/watch?v=hJ5tjLjwINU https://www.youtube.com/watch?v=F9FIFXctEpo https://www.youtube.com/watch?v=zSB3AFyd-D8 https://www.youtube.com/watch?v=I9aRKwuq7s4 https://www.youtube.com/watch?v=DkcC3yDPXcQ https://www.youtube.com/watch?v=TXmrMTyWJaU Complete the questions on Pages 41 and 42	
Wed 01/04	Enlargement Negative Enlargement Invariant Points	https://www.youtube.com/watch?v=I9aRKwuq7s4 https://www.youtube.com/watch?v=DkcC3yDPXcQ https://www.youtube.com/watch?v=TXmrMTyWJaU Complete the questions on Page 43 and 44	
Thu 02/04	Constructions Loci Problems	https://www.youtube.com/watch?v=NRS0cFPDx7o https://www.youtube.com/watch?v=nap8KDRDFZs https://www.youtube.com/watch?v=yyZPnpibrb4 Complete the questions on Page 44 and 45	
Fri 03/04	Bearings Plans and Elevations	https://www.youtube.com/watch?v=RMDI6zmuSF0 https://www.youtube.com/watch?v=OamdRpFlhg Complete the questions on Page 46	
Sat 04/04	Exam Paper – November 2019 P3		
Sun 05/04	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_3H_que_20200116.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_3H_msc_20200116.pdf		
Mon 06/04	Factorising Harder Quadratics Solving Quadratics by Factorising	https://www.youtube.com/watch?v=DEoeiFTODAU https://www.youtube.com/watch?v=kmeL4a3IG5w Complete the questions on Page 47	

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Tue 07/04	Completing the Square	https://www.youtube.com/watch?v=fMAJVHC2fyc https://www.youtube.com/watch?v=7kuQL6IV8II Complete the questions on Page 48 and 68	
Wed 08/04	Negative Quadratics Quadratic Formula	https://www.youtube.com/watch?v=R7bZCDcCfWA https://www.youtube.com/watch?v=q64qaxLAR9U Complete the questions on Page 49	
Thu 09/04	Simultaneous Equations Inequalities	https://www.youtube.com/watch?v=2jrgXG0XsCc https://www.youtube.com/watch?v=YJYhHQGopMQ Complete the questions on Page 50	
Fri 10/04	Product Rule Probability from a Table	https://www.youtube.com/watch?v=rPdSvc01zPw https://www.youtube.com/watch?v=ct7q2-NPXYE Complete the questions on Page 51	
Sat 11/04	Exam Paper – November 2020 P1		
Sun 12/04	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_que_20201104.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_1H_msc_20210114.pdf		
Mon 13/04	Probability Trees Venn Diagrams	https://www.youtube.com/watch?v=nS9OldluBww https://www.youtube.com/watch?v=FSYxsHbKWzo https://www.youtube.com/watch?v=xPPBM7MM8-l https://www.youtube.com/watch?v=SaVdp2wll_U Complete the questions on Page 52, 53 and 54	
Tue 14/04	Compound Interest and Depreciation	https://www.youtube.com/watch?v=iKW1JYEVas4 https://www.youtube.com/watch?v=MhIFR2wWqHA Complete the questions on Page 57 and 58	
Wed 15/04	Speed, Distance and Time Density, Mass and Volume	https://www.youtube.com/watch?v=vLyLlsR6Z7s https://www.youtube.com/watch?v=Xb9dPsf5Nlo https://www.youtube.com/watch?v=u6aH-VZg5Fk https://www.youtube.com/watch?v=w2rNN-84xMc Complete the questions on Page 38 and 39	
Thu 16/04	Congruence and Similarity	https://www.youtube.com/watch?v=jP_GgzfXYiQ https://www.youtube.com/watch?v=ugVPReGSsGI https://www.youtube.com/watch?v=flXdxUc7wKg Complete the questions on Page 59 and 60	
Fri 17/04	Sine Rule Cosine Rule Area of a Triangle	https://www.youtube.com/watch?v=bR5vN_IGZ9s https://www.youtube.com/watch?v=FPVqgxfy78 https://www.youtube.com/watch?v=8fzPUPnFy-w Complete the questions on Page 61 and 62	
Sat 18/04	Exam Paper – November 2020 P2		
Sun 19/04	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-que-20201106.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_2H_msc_20210114.pdf		
Mon 20/04	Bearings with Trigonometry Circle Sectors with Trigonometry	https://www.youtube.com/watch?v=RUh66-tYf74 https://www.youtube.com/watch?v=24Zmm0mxZ2A Complete the questions on Page 62 and 63	
Tue 21/04	Trig Graphs 3D Trigonometry	https://www.youtube.com/watch?v=WiRVl6bZvF8 https://www.youtube.com/watch?v=NT_NPUx16_A Complete the questions on Page 63 and 64	

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Wed 22/04	Sampling and Bias Capture Recapture	https://www.youtube.com/watch?v=7rgdHNFvKio https://www.youtube.com/watch?v=BeN2Fa68Vl4 Complete the questions on Page 65	
Thu 23/04	Box Plots Cumulative Frequency	https://www.youtube.com/watch?v=heeYqUnkCV8 Complete the questions on Page 66	
Fri 24/04	Histograms	https://www.youtube.com/watch?v=Yo3oVsGzffY Complete the questions on Page 67	
Sat 25/04	Exam Paper – November 2020 P3		
Sun 26/04	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-que-20201110.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1MA1_3H_msc_20210114.pdf		
Mon 27/04	Expanding Triple Brackets Graphical Simultaneous Equations Quadratic Simultaneous Equations	https://www.youtube.com/watch?v=s86OeEtLHj8 https://www.youtube.com/watch?v=q9CsJ5Cqlbw https://www.youtube.com/watch?v=AETHlXbZT1s Complete the questions on Page 68 and 69	
Tue 28/04	Iterations	https://www.youtube.com/watch?v=HwJLVERnuag Complete the questions on Page 70	
Wed 29/04	Graphical Inequalities Quadratic Inequalities	https://www.youtube.com/watch?v=5Lr96TAhUck https://www.youtube.com/watch?v=aTB2pdLvlqw Complete the questions on Page 71	
Thu 30/04	Circle Theorems	https://www.youtube.com/watch?v=3qwP-zMfCDw&list=PLqxP5EuGxPneJqpy4Y69TjaGDEBuQQGjS https://www.youtube.com/watch?v=XLVm7Ef97XQ https://www.youtube.com/watch?v=Rz0tbKRpuIY Complete the questions on Page 72 and 73	
Fri 01/05	Equation of a Circle Equation of a Tangent to a Circle	https://www.youtube.com/watch?v=W4mdMvIX-Bg https://www.youtube.com/watch?v=sZdxMp-HQJM Complete the questions on Page 74	
Sat 02/05	Exam Paper – November 2021 P1		
Sun 03/05	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-1h-que-20211103.pdf Mark Scheme https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-1h-rms-20220113.pdf		
Mon 04/05	Algebraic Fractions	https://www.youtube.com/watch?v=S7LRgg2_M7o https://www.youtube.com/watch?v=zGWgx8xkQeY Complete the questions on Page 75 and 76	
Tue 05/05	Algebraic Proof	https://www.youtube.com/watch?v=JsIRYmteGf8 Complete the questions on Page 77	
Wed 06/05	Vector Proof	https://www.youtube.com/watch?v=Xwi7AEfaRoA Complete the questions on Page 78	
Thu 07/05	Geometric Proof	https://www.youtube.com/watch?v=nLke9Ouhdu0 Complete the questions on Page 79	
Fri 08/05	Direct Proportion and Inverse Proportion	https://www.youtube.com/watch?v=lAkRjwMo7NY Complete the questions on Page 80	
Sat 09/05	Exam Paper – November 2021 P2		
Sun 10/05	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-que-20211105.pdf Mark Scheme		

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		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-rms-20220113.pdf	
Mon 11/05	Paper 1 Revision	https://www.youtube.com/watch?v=-pkVWqFbiU	
Tue 12/05	Paper 1 Revision	https://www.youtube.com/watch?v=SntLOizwWPU	
Wed 13/05	Paper 1 Revision	https://www.youtube.com/watch?v=QGJjN3OGL84	
Thu 14/05	Maths Exam Paper 1: Non-Calculator		
Fri 15/05	Exam Paper – November 2021 P3		
Sat 16/05		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-que-20211109.pdf	
Sun 17/05	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-rms-20220113.pdf	
Mon 18/05	Exam Paper – June 2022 P2		
Tue 19/05		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-que-20220608.pdf	
Wed 20/05	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-rms-20220825.pdf	
Thu 21/05	Exam Paper – June 2022 P3		
Fri 22/05		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-que-20220614.pdf	
Sat 23/05	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-rms-20220825.pdf	
Sun 24/05	Exam Paper – November 2022 P2		
Mon 25/05		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-que-20221104.pdf	
Tue 26/05	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-2h-rms-20230112.pdf	
Wed 27/05	Exam Paper – November 2022 P3		
Thu 28/05		https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-que-20221108.pdf	
Fri 29/05	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/mathematics/2015/exam-materials/1ma1-3h-rms-20230112.pdf	
Sat 30/05			
Sun 31/05	Paper 2 Revision	https://www.youtube.com/watch?v=iuuBKknfRM	
Mon 01/06	Paper 2 Revision	https://www.youtube.com/watch?v=aYl58q9Y0aA	
Tue 02/06	Paper 2 Revision	https://www.youtube.com/watch?v=aWOqluvnWYE	
Wed 03/06	Maths Exam Paper 2: Calculator		
Thu 04/06	Exam Paper – June 2023 P3		
Fri 05/06		https://qualifications.pearson.com/content/dam/pdf/GCSE/Mathematics/2015/Exam-materials/1ma1-3h-que-20230615.pdf	
Sat 06/06	Mark Scheme	https://qualifications.pearson.com/content/dam/pdf/GCSE/Mathematics/2015/Exam-materials/1ma1-3h-rms-20230824.pdf	
Sun 07/06	Paper 3 Revision	https://www.youtube.com/watch?v=olRgXNOTSL0	
Mon 08/06	Paper 3 Revision	https://www.youtube.com/watch?v=Psg2KdOmHW8	
Tue 09/06	Paper 3 Revision	https://www.youtube.com/watch?v=LTo265d8n14	
Wed 10/06	Maths Exam Paper 3: Calculator		