



Foundation Mathematics Revision Programme 2019

Week start	Key Topics for Revision	Hegartymaths clip numbers
18.02.19	Fractions: Equivalent fractions. Add, subtract, multiply & divide. Find a fraction of a quantity. Change a fraction to a decimal	57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80
25.02.19	Algebra: Collect like terms. Expand brackets. Factorise an expression. Solve linear equations. Substitution. Solve quadratic equations. Formulae. Changing the subject. Simultaneous equations.	156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 168, 169, 170, 171, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 188, 190, 191, 195, 280, 281, 282, 283, 284, 221, 222, 223, 224, 225, 226, 227, 228, 230, 231, 232, 233
04.03.19	Pythagoras Theorem. Trigonometry	497, 498, 499, 500, 501, 502, 503, 504, 508, 509, 510, 511, 512
11.03.19	Ratio: Find equivalent ratios. Divide an amount using a ratio. Write a ratio as a fraction, Direct & inverse proportion	328, 329, 330, 331, 332, 333, 334, 339, 342
18.03.19	Percentage: Use a decimal multiplier to find a percentage and increase or decrease by a percentage. Find an amount as a percentage of another amount. Change percentages to fractions or decimals.	82, 83, 84, 85, 86, 87, 88, 89, 90, 93, 96, 97, 98
25.03.19	Graphs: Co-ordinates. Linear, quadratic, cubic, reciprocal. Plotting. Gradients & intercepts. Rates of change. Roots intercepts & turning points. Graphs to solve equations	199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 251, 252, 253, 257, 218, 219
01.04.19	Measures: converting between units. Speed including travel graphs. Density. Pressure Numbers: prime, square, cube, roots, factors, multiples, LCM, HCF, prime factorisation, sequences	27, 28, 29, 30, 31, 32, 33, 34, 35, 36 99, 100, 101, 196, 197, 198
08.04.19	Statistics: mean, median, mode & range. Bar charts, pies charts, time series graphs, histograms, scatter graphs.	404, 405, 406, 407, 408, 409, 410, 413, 414, 415, 416, 417, 418, 419, 420, 421, 425, 427, 428, 429, 442, 443, 450, 451, 453, 454
15.04.19	Similarity. Congruence. Constructions. Angle Rules. Bearings. Scale drawings	477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 560, 561, 562, 563, 564, 608, 609, 610, 611, 660, 661, 662, 663, 664, 666
22.04.19	Inequalities. Limits of accuracy. Laws of Indices. Standard form.	137, 265, 266, 267, 268, 269, 270, 101, 105, 106, 121, 122, 123, 128
29.05.19	Area: find the area of rectangles, triangles, parallelograms, trapeziums, circles, including sectors and compound shapes Volume & surface area: prisms, cones, pyramids, spheres	553, 554, 555, 556, 557, 558, 559, 539, 540, 541, 542, 543, 546, 567, 568, 569, 570, 571, 572, 573, 576, 577, 580, 581, 584, 585, 586, 587, 588
6.05.19	Probability	349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360
13.05.19	Transformations: reflection, rotation, enlargement, translation—draw and describe Vectors	637, 638, 639, 640, 641, 642, 643, 644, 645, 648, 649, 650, 651, 652, 653
20.05.19	Using a calculator	128, 129



AQA 8300 Mathematics Foundation Tier

Student: _____

Target Grade:

Predicted Grade:

Maths Mock 1 - November 2018 mock grade:

Maths Mock 2 - March 2019 mock grade:

Key Dates

GCSE Exams—all papers 1 hour 30 mins

Paper 1: 21st May 2019 am

Paper 2: 6th June 2019 am

Paper 3: 11th June 2019 am

Extra support available

Use your mock exam **QLA sheet** to prioritise your revision

Revision Guides—available from Student Services

Hegarty Maths: videos and quizzes—<https://hegartymaths.com>

Mymaths: interactive lessons — <https://www.mymaths.co.uk/>

Mathswatch: video clips and worksheets—<https://vle.mathswatch.co.uk/vle/>

Practice papers will be given out during lessons



KEEP CALM

AND

START REVISION