

GCSE Foundation Tier  
AQA Paper 1

- ★ 2D Shapes - Videos 1, 2, [327](#)
  - Parallel/Perpendicular Lines - Videos 232, 233
  - Angle Facts - Video 35, 30, 34, 39
  - Types of Angle - Video 38
  - Angles in Parallel Lines - Video 25
- ★ Angles in a Triangle - Video 37
- ★ Angles in a Quadrilateral - Video 33
- ★ Angles in Polygons - Video 32
- ★ Bearings - Videos 26, 27
- ★ Scales & Maps - Video 283
- ★ Perimeter - Video 241
  - Area of Rectangles/Triangles - Videos 45, 49
  - Area of a Trapezium - Video 48
- ★ Units - Videos 347, 349, 350, 351
- ★ Sensible Estimates - Video 285
- ★ Line Symmetry - Video 316
- ★ Rotational Symmetry - Video 317
- ★ Constructions - Videos 72, 78, 83
- ★ Loci - Videos 75, 76, 77
  - Faces, Edges, Vertices - Videos 5, 3
  - Nets - Video 4
  - Views and Elevations - Video 354
  - Time Calculations - Video 322
  - Timetables - Video 320
  - Distance Charts - Video 318
  - Speed, Distance, Time - Video 299
  - Travel Graphs - Video 171
- ★ Density - Video 384
- ★ Pressure - Video 385
- ★ Translations - Video 325, 326
- ★ Reflections - Videos 272, 273
- ★ Rotations - Video 275
- ★ Enlargements - Videos 104, 105, 107
- ★ Parts of the Circle - Video 61
- ★ Circumference - Video 60, 243
- ★ Area of a Circle - Video 59, 47
- ★ Arc Length - Video 58
- ★ Area of a Sector - Video 46
- ★ Volume of a Cylinder - Video 357
- ★ Pythagoras - Video 257
- ★ Trigonometry - Videos 329, 330, 331
- ★ Exact Trig Values - Video 341
- ★ Similar Shapes (sides) - Video 292
- ★ Congruent Triangles - Video 67
- ★ Volume of a Cuboid/Prism - Video 355, 356
- ★ Volume of a Sphere/Cone - Videos 359, 361
- ★ Surface Area - Video 310
- ★ Surface area of Sphere/Cone - Videos 313, 314
- ★ Vectors - Video 353a, 353

- ★ Multiplication - Video 199, 200
- ★ Division - Video 98
- ★ Addition - Video 6
- ★ Subtraction - Video 304
- ★ Rounding - Video 276, 277a, 277b, 278, 280
- ★ Estimation - Video 215
- ★ Order of Operations - Video 211
- ★ Ordering Decimals - Video 95
- ★ Arithmetic with Decimals - Videos 90, 91, 92, 93, 94
- ★ Multiples and Factors - Videos 220, 216
- ★ Prime Numbers - Video 225
- ★ Square Numbers and Square Roots - Videos 226, 228
- ★ Cube Numbers and Cube Roots - Videos 212, 214
- ★ Product of Primes - Video 223
- ★ LCM/HCF - Videos 218, 219, 224
- ★ Indices - Videos 172, 174
- ★ Negative Indices - Video 175
- ★ Standard Form - Video 300, 302, 303
- ★ Fractions of Amounts - Video 137
- ★ Adding Fractions - Video 133
- ★ Multiplying Fractions - Video 142
- ★ Dividing Fractions - Video 134
- ★ Reciprocals - Video 145
- ★ Ordering Fractions - Videos 135, 144
- ★ Fractions, Decimals, Percentages - Videos 121 to 129
- ★ Mixed numbers/improper fractions - Videos 139, 140
- ★ Expressing as Fraction or % - Videos 136, [237](#)
- ★ Percentages of Amounts - Videos 234, 235, 238
- ★ Percentage Change - Video 233
- ★ Simple Interest - Video 236a
- ★ Compound Interest - Video 236
- ★ Reverse Percentages - Video 240
- ★ Ratio - Videos 269, 270, 271
- ★ Currency - Video 214a
- ★ Recipes - Video 256
- ★ Negative Numbers - Videos 205-209
- ★ Place Value - Video 222, 222a
- ★ Error Intervals - Video 377
- ★ Money/Number problems - Video 400, 401
- ★ Best Buys - Video 210
- ★ Proportion - Videos 255a, 254
- ★ Use of a Calculator - Video 352

- ★ Tally Charts - Video 321
- ★ Frequency Trees - Video 376
- ★ Two-way Tables - Video 319
- ★ Pictograms - Videos 161, 162
- ★ Bar Charts - Videos 147, 148
- ★ Line Graphs - Video 160
- ★ Pie Charts - Video 163, 164
- ★ Probability - Videos 245, 246, 248
- ★ Relative Frequency - Video 248
- ★ Listing Outcomes - Video 253
- ★ Scatter Graphs - Videos 165 to 168
- ★ Averages & Range - Videos 56, 50, 53, 57
- ★ Mode: Frequency Table - Video 56a
- ★ Median: Frequency Table - Video 51
- ★ Combined Mean - Video 53a
- ★ Estimated Mean - Video 55
- ★ Venn Diagrams - Video 380
- ★ Tree Diagrams - Video 252
- ★ Reading Tables - Video 387
- ★ Samples - Video 281a
- ★ Coordinates - Video 84, 85, 87
- ★ Function Machine - Video 386
- ★ Writing Expressions - Video 16
- ★ Collecting Like Terms - Video 9
- ★ Multiplying & Dividing Terms - Videos 18, 11
- ★ Laws of Indices - Video 174
- ★ Sequences - Videos 286, 287, 290, 287a
- ★ Geometric Progressions - Video 375
- ★ The nth Term - Video 288
- ★ Expanding Brackets - Videos 13, 14
- ★ Factorising - Video 117
- ★ Factorising Quadratics - Videos 118, 120
- ★ Solving Equations - Video 110, 113, 266
- ★ Forming Equations - Videos 114, 115
- ★ Inequalities - Videos 177, 178, 179
- ★ Conversion Graphs - Video 151
- ★ Drawing Linear Graphs - Video 186
- ★  $y = mx + c$  - Video 191
- ★ Gradient - Video 189
- ★ Real Life Graphs - Video 171a
- ★ Parallel graphs - Video 196
- ★ Substitution - Video 20
- ★ Changing the Subject - Video 7
- ★ Simultaneous Equations - Videos 295, [297](#)
- ★ Quadratic Graphs - Video 264
- ★ Cubic Graphs - Video 344
- ★ Reciprocal Graphs - Video 346

