

✓ GCSE Higher Tier Checklist 9-1

Adding Fractions - Video 133
Multiplying Fractions - Video 142
Dividing Fractions - Video 134
Estimation - Video 215
Best Buys - Video 210
Currency - Video 214a
Conversion Graphs - Video 151, 152
Product of Primes - Videos 223, 224
Indices - Videos 172, 174
Indices (fractional/negative) - Videos 173, 175
Standard Form - Videos 300, 301, 302, 303
Percentages of Amounts - Videos 234, 235
Percentage change - Video 233
Compound Interest - Video 236
Reverse Percentages - Video 240
Recurring Decimals to Fractions - Video 96
Ratio - Videos 270, 271
Direct Proportion - Video 254
Inverse Proportion - Video 255
Limits of Accuracy - Videos 183, 184
Surds - Videos 305, 306, 307, 308
Product Rule for Counting - Video 383
Error Intervals - Video 377
Collecting Like Terms - Video 9
Expanding a Bracket - Video 13
Expanding 2/3 Brackets - Videos 14, 15
Factorising - Video 117
Factorising Quadratics - Videos 118, 119, 120
Algebraic Fractions - Videos 21, 22, 23, 24
Sequences (nth term) - Videos 288, 289
nth term (quadratics) - Video 388
Substitution - Video 20
Equations - Videos 110, 113, 114, 115
Changing the Subject - Videos 7, 8
Inequalities - Videos 177, 178, 179
Inequalities (Regions) - Video 182
Quadratic Inequalities - Video 378
Linear Graphs - Videos 191, 186, 189, 194
Parallel or Perpendicular Lines - Videos 196, 197
Simultaneous Equations - Video 295/298

Angles in Parallel Lines - Video 25, 39
Bearings - Video 26, 27
Angles in Polygons - Video 32
Constructions - Video 78, 72, 79, 80, 70
Loci - Videos 75, 76, 77
Area of a Trapezium - Video 48
Circumference - Video 60
Area of a Circle - Video 40
Arc Length - Video 58
Area of a Sector - Video 48
Volume of a Cylinder - Video 357
Pythagoras - Video 257, 259
Trigonometry - Videos 329, 330, 331
3D Trig and Pythagoras - Videos 259, 332
Exact Trig Values - Video 341
Volume of a Prism - Video 356
Volume of Cone/Pyramid/Sphere - Videos 359-361
Surface Area of a Prism - Video 311
Surface Area of Cone/Sphere - Videos 314, 313
Translations - Video 325
Reflections - Video 272
Rotations - Video 275
Enlargements - Videos 104, 106, 107, 108
Similar Shapes - Videos 292, 293a, 293b
Circle Theorems - Videos 64, 65
Sine Rule - Video 333
Cosine Rule - Videos 335, 336
1/2abSinC - Video 337
Vectors - Video 353
Travel Graphs - Video 171
Speed, Distance, Time - Video 299
Density - Video 384
Pressure - Video 385
Geometric Proof - Video 366

Frequency Trees - Video 376
Two-way Tables - Video 319
Pie Charts - Videos 163, 164
Scatter Graphs - Videos 165, 166
Histograms - Video 157, 158, 159
Frequency Polygons - Videos 155, 156
Stem-and-leaf - Videos 169, 170
Cumulative Frequency - Videos 153, 154
Box Plots - Video 149
Estimated Mean - Video 55
Tree Diagrams - Video 252
Conditional Probability - Video 247
Capture Recapture - Video 391
Venn Diagrams - Video 380

Equation of a Circle - Video 12
Equation of a tangent - Video 372
Instantaneous rates of change - Video 309a
Average rates of change - Video 309b
Area under a curve - Video 389
Composite Functions - Video 370
Inverse Functions - Video 369
Quadratic Graphs - Video 264
Trigonometric Graphs - Videos 338, 339
Reciprocal Graphs - Video 346
Exponential Graphs - Video 345
Algebraic Proof - Video 365
Quadratic Formula - Video 267
Completing the Square - Video 10, 371
Transformations of Graphs - Video 323
Iteration - Video 373