

## Edexcel Higher Paper 3 Checklist

- Adding Fractions - Video 133
- Multiplying Fractions - Video 142
- Dividing Fractions - Video 134
- Reciprocal - Video 145
- Decimals - Video 90, 91, 92, 93, 94
- ★ Use of a Calculator - Video 352
- ★ Estimation - Video 215
- ★ Best Buys - Video 210
- ★ Currency - Video 214a
- ★ Conversion Graphs - Video 151, 152
- LCM/HCF - Videos 218, 219
- 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, 238
- Percentage change - Video 233
- Simple Interest - Video 236a
- Compound Interest - Video 236
- ★ Reverse Percentages - Video 240
- Recurring Decimals to Fractions - Video 96
- ★ Ratio - Videos 270, 271, 271a, 271b, 271c
- ★ Direct Proportion - Video 254
- ★ Inverse Proportion - Video 255
- ★ Proportional Graphs - Video 255b
- Proportion (application) - Video 255c
- ★ Limits of Accuracy - Videos 183, 184
- Surds - Videos 305, 306, 307, 308
- Product Rule for Counting - Video 383
- Error Intervals - Video 377, 280
- ★ Collecting Like Terms - Video 9
- Expanding Brackets - Videos 13, 14, 15
- ★ Factorising - Video 117
- ★ Factorising Quadratics - Videos 118, 119, 120, 119a
- Algebraic Fractions - Videos 21, 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
- ★ Midpoint of a Line - Video 198
- ★ Distance between 2 points - Video 185
- ★ Real-life Linear Graphs - Video 171a
- ★ Parallel or Perpendicular Lines - Videos 196, 197
- ★ Simultaneous Equations - Video 295
- ★ Non-linear Simultaneous Equations - Video 298
- ★ Graphical Simultaneous Equations - Video 297
- ★ Algebraic Fractions ( $\pm$ ,  $\times$ ) - Videos 22, 23
- ★ 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
- ★ Views - Video 354
- 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
- ★ Volume of a Frustum - Video 360a
- ★ Surface Area of a Prism - Video 311
- ★ Surface Area of Cone/Sphere - Videos 314, 313
- ★ Metric Units (area/volume) - Videos 350, 351
- ★ Translations - Video 325
- ★ Reflections - Video 272
- ★ Rotations - Video 275
- ★ Enlargements - Videos 104, 106, 107, 108
- Similar Shapes - Videos 293a, 293b
- ★ Circle Theorems - Videos 64, 65
- ★ Sine Rule - Video 333
- ★ Cosine Rule - Videos 335, 336
- ★  $1/2ab\sin C$  - Video 337
- Vectors - Video 353
- ★ Column Vectors - Video 353a
- ★ Travel Graphs - Video 171
- ★ Speed, Distance, Time - Video 299
- ★ Density - Video 384
- Pressure - Video 385
- ★ Geometric Proof - Video 366
- ★ Congruent Triangles - Video 67
- ★ Invariant Points - Video 392
- ★ Similar Shapes (sides) - Video 292
- ★ Frequency Trees - Video 376
- ★ Two-way Tables - Video 319
- ★ Pie Charts - Videos 163, 164
- Scatter Graphs - Videos 165, 166
- Reading Histograms - Video 158, 159
- ★ Frequency Polygons - Videos 155, 156
- Stem-and-leaf - Videos 169, 170
- ★ Cumulative Frequency - Videos 153, 154
- Box Plots - Video 149
- Quartiles - Video 57a
- ★ Estimated Mean - Video 55
- Combined Mean - Video 53a
- ★ Median (frequency table) - Videos 51, 52
- ★ Modal class (frequency table) - Video 56a
- Probability - Video 250
- Relative frequency - Video 248
- ★ Samples - Video 281a
- ★ Tree Diagrams - Video 252
- ★ Conditional Probability - Video 247
- Capture Recapture - Video 391
- ★ Venn Diagrams - Video 380
- ★ Drawing Histograms - Video 157
- ★ Equation of a Circle - Video 12
- ★ Equation of a tangent - Video 372
- Instantaneous rates of change - Video 390a
- Average rates of change - Video 390b
- ★ Area under a curve - Video 389
- Composite Functions - Video 370
- Inverse Functions - Video 369
- ★ Quadratic Graphs - Video 264
- ★ Solving Quadratics Graphically - Videos 367c,d
- Sketching Quadratics - Video 265
- Trigonometric Graphs - Videos 338, 339
- ★ Cubic Graphs - Video 344
- ★ Reciprocal Graphs - Video 346
- ★ Exponential Graphs - Video 345
- ★ Geometric Sequences - Video 375
- ★ Algebraic Proof - Video 365
- Quadratic Formula - Video 267
- Completing the Square - Video 10, 371
- Transformations of Graphs - Video 323, 324
- ★ Iteration - Video 373, 373a, 373b

\*If I was preparing for Paper 3, I would start with the starred topics and then revise all the other topics on the checklist.