

| Year | Term | Week | Topic | OUP Text book Exercises | MyMaths |
|------|----------|-------|---|--|--|
| 10 | 1st Term | 1 - 2 | 1. Angles, scale diagrams and bearings (Geometry and Measures) | 3.1s, 3.1a, 7.1s, 7.1a | 1082 1086 1109 1086 1103 1117 |
| | | 3 - 4 | 2. Basic number, factors and multiples (Number) | 1.1s (q1-7, q14-17) 1.1a (q1-2, 4-5, 7-8) | 1013 1072 |
| | | | | 1.2s, 1.2a, 1.3s, 1.3a | 1007 1068 1011 1916 1917 |
| | | | | 9.1s, 9.1a | 1005 1043 1057 |
| | | | | 13.1s, 13.1a | 1032 1034 1044 |
| | | 5 | 3. Basic algebra review (Algebra) | 2.1s, 2.1a, 2.2s, 2.2a, 2.3s, 2.3a (Identities exercises are 6.3s and 6.3a but these are covered later) | 1178 1179 1186 1033 1045 1064 1301 1155 1247 |
| | | 6 - 7 | 4. Fractions and decimals (Number) | 5.1s (q1-8) 5.1a (q2-4, 6 and 11) 5.2s, 5.2a, 5.3s (q1 part i, 4 part i, 5-6, 7 part i, 8, 9, 11-13, 16 and 18) 5.3a (q3, 7-9, 11) | 1046 1017 1040 1047 1074 |

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| Autumn | 8 | <u>5. Coordinates and linear graphs</u> (Algebra) | 14.1s 14.1a | 1153 1311 1314 1396 | |
| | 9 | <u>6. Rounding</u> (Number) | 1.1s (q8-13), 1.1a (q3, 5, 6 and 9) | 1001 1005 | |
| | | | 9.3s (q11-14), 9.3a (q3, 4) | 1067 1006 | |
| | TEST | | | | |
| | 10 - 11 | <u>7. Collecting and representing data</u> (Statistics) | 4.1s 4.1a, 4.3s, 4.3a, 16.4s, 16.4a | 1205 1206 1207 1196 1197 1198 | |
| | | | 16.2s, 16.2a | 1194 1195 1333 | |
| | 12 | <u>8. Sequences</u> (Algebra) | All of chapter 21 | 1165 1173 1166 1054 1165 1166 1920 | |
| | 13 | <u>9. Basic percentages</u> (Number) | 5.1s (q9-14) 5.1a (q1, 5 and 7-10) 5.3s (q1 part ii, 2, 3, 4 part ii, 7 part ii, 10, 14-15 and 17) 5.3a (q1,2, 4, 5, 6 and 10) | 1030 1031 | |
| | 14 | Consolidation | | | |

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| Year 9 | | 15-16 | <u>10. Perimeter and area</u> (Geometry and Measures) | 15.1s (q1-4), 15.1a (q3-8) | 1106 |
| | | | | 15.3s (surface area questions only) N.B. Recap Pythagoras | 1107 |
| | | | | 15.3a (Surface area questions only) | 1122 |
| | | | | | 1108 1128 1129 |
| | | | | 7.2s, 7.2a | |
| | | 17 | <u>11. Circumference and area</u> (Geometry and Measures) | 11.1s, 11.1a, 11.2s, 11.2a | 1083 1088 1118 |
| | | | | | |
| | | 18 | <u>12. Real life graphs</u> (Algebra) | 14.4s, 14.4a | 1322 1323 1184 |
| | | | | 18.3s (ignore questions describing the type of function) | |
| | | 19 | <u>13. Ratio and proportion</u> (Ratio, Proportion and Rates of Change) | | 1015 1037 1036 1038 1039 1103 |
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| | | 20 | <u>14. Properties of polygons</u> (Geometry and Measures) | 3.2s, 3.2a, 3.4s, 3.4a | 1100 |
| | | | | | 1320 |

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| Spring Term | 21 | 15. Equations (Algebra) | 6.1s(q1-5), 6.1a (q6 and 8) | 1182 1319 |
| | | | 10.1s, 10.1a | 1928 1929 |
| | 22 | 16. Indices (Number) | 13.2s, 13.2a, 17.1s, 17.1a | 1033 1053 1301 1924 1045 |
| | 23 | 17. Surds (Number) | 13.3s, 13.3a, 17.2s (q2 and 7-10), 17.2a (q4, 6) | 1033 1053 1924 1065 1074 |
| | 24 | 18. Basic probability (Probability) | All of chapter 8 | 1211 1264 1263 |
| | | | 20.2s, 20.2a | 1199 |
| | 25 | 19. Standard form (Number) | 17.3s, 17.3a | 1049 1050 1051 |
| 26 | Consolidation/Revision | | | |

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| | Summer Term | 27 | Revision | | | |
| | | 28 | Revision and exams | | | |
| | | 29 | <u>20. Measures</u> (Geometry and Measures) | 9.3s (q11-14), 9.3a (q3, 4) N.B. This topic was already taught in section 6 | 1067 1006 | |
| | | | | 9.3s (q1-2), 9.3a (q1-2) | | |
| | | | | 22.1s, 22.1a, 22.2s, 22.a | 1121 1246 1061 1329 | |
| | | | | 9.3s (q3-10), 9.3a (q5-10) | 1121 1246 | |
| | | | | <u>21. Transformations</u> (Geometry and Measures) | 7.3s, 7.3a, 7.4s, 7.4a | 1099 1113 1115 1127 1125 |
| | | 30 - 31 | | | | |

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| Summer Term | 32 | <u>22. Congruence and similarity</u> (Geometry and Measures) | 3.3s and 3.3a | 1119 1148 |
| | 33 | <u>23. 2D representations of 3D shapes</u> (Geometry and Measures) | 15.1s (q5-6), 15.1a (q1-2) | 1098 |
| | 34 | <u>24. Calculating with percentages</u> (Number) | 12.3s, 12.3a | 1060 1073 1237 1934 |
| | 35 - 36 | <u>25. Statistical measures</u> (Statistics) | 4.2s, 4.2a, 16.1s, 16.1a | 1192 1202 1254 1201 1255 |
| | 37 | <u>26. Constructions and loci</u> (Geometry and Measures) | 11.4s 11.4a | 1089 1090 1147 |
| | 38 - 39 | Consolidation | | |

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| Autumn Term | 1 - 2 | 27. Probability (Probability) | 20.1s, 20.1a, 20.3s, 20.3a, 20.4s, 20.4a | 1262 1921 1922 1199 1263 1208 1334 1935 |
| | 3 | 28. Volume (Geometry and Measures) | Covered previously in 3.3s and 3.3a | |
| | | | 15.2s, 15.2a | 1137 1138 1139 1246 |
| | | | 15.3s (volume questions only) 15.3a (volume questions only) | 1136 |
| | | | 17.2s (q1 and 6), 17.2a (q1-3, 5, 7-8 and 9-11) | |
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| | 4 - 5 | 29. Algebra: quadratics, rearranging formulae and identities (Algebra) | 6.4s, 6.4a | 1150 1151 1156 1157 |
| | | | 6.1s (q6-12), 6.1a(q1-5, 7) | 1170 1171 1186 |
| | | | 6.3s, 6.3a | 1150 1247 1938 1942 |
| | | | 6.2s, 6.2a | 1159 1940 1941 |
| | 6 | 30. Scatter graphs (Statistics) | 16.3s, 16.3a | 1213 1250 |
| | 7 | 31. Numerical methods (Number) | 9.2s, 9.2a, 10.4s, 10.4a | 1043 1932 1933 1956 |

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| Year 10 | | 8 | <u>32. Equation of a circle</u> (Algebra) | 18.5s, 18.5a | 1152 |
| | | | 10.2s, 10.2a | 1160 1169 1181 1185 1950 | |
| | | | 14.2s, 14.2a, 14.3s, 14.3a | 1180 1312 1180 1185 1959 1960 | |
| | | 11 - 12 | <u>34. Simultaneous equations</u> (Algebra) | 10.3s, 10.3a | 1174 1177 1236 1319 |
| | | 13 - 14 | <u>35. Sketching graphs</u> (Algebra) | 18.1s, 18.1a, 18.2s (q1-8), 18.2a (q6) | 1071 1172 1958 1070 1132 1143 |
| | | | | 18.3s, 18.3a (this was done under real life graphs in section 12, but not identifying the type of function) | 1184 1322 |

| 15 - 16 | | Revision and exams | | |
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| 17 | 36. Direct and inverse proportion (Ratio, proportion and rates of change) | 22.3s, 22.3a | 1048 1948 1949 | |
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| 18 | 37. Inequalities (Algebra) | 10.5s, 10.5a | 1161 1162 1163 1189 | |
| 19 - 20 | 38. Pythagoras theorem and basic trigonometry (Geometry and Measures) | 19.1s, 19.1a, 19.2s, 19.2a | 1064 1112 1131 1133 1943 | |
| | | 19.4s (except sine and cosine rule questions) 19.4a (except sine and cosine rule questions) | | |
| | | 3.3s, 3.3a (Covered in section 22) | 1119 1148 | |

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| Spring T | 21 | 39. Growth and decay (Ratio, proportion and rates of change) | 22.5s, 22.5a | 1070 1238 |
| | 22 - 23 | 40. Vectors (Geometry and Measures) | 19.5s, 19.5a | 1134 1135 |
| | 24 | 41. Transforming functions (Algebra) | 18.2s (q9-14) 18.2a (All except 6) | 1126 1188 1955 |
| | 25 | 42. Sine and cosine rules (Geometry and Measures) | 19.3s and 19.3a 19.4s and 19.4a sine and cosine questions | 1094 1095 1120 1943 |
| | 26 | 43. Circle theorems (Geometry and Measures) | 11.3s, 11.3a | 1087 1142 1321 |

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| | Summer Term | 27 - 28 | <u>44. Gradients and rate of change</u> (Ratio, proportion and rates of change) | 22.4s, 22.4a | 1312 1953 |
| | | 29 - 30 | <u>45. Pre-calculus and area under a curve</u> (Algebra) | 18.4s, 18.4a | 1128 1312 1944 1953 |
| | | 31 | <u>46. Algebraic fractions</u> (Algebra) | 2.4s, 2.4a | 1149 1151 1164 |
| | Review and Consolidation | | | | |