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|  |  |  | MAX Scheme of Work  2021/22 | | |  |
| Week no | Week  Beginning | Calendar Notes |  | Lesson 1 | Lesson 2 | Independent Work (exam paper + Century AI) |
|  |
| 0 | 06 Sept |  |  | Enrolment – give out paper | | June 17 Paper 1 (blue) |
| 1 | 13 Sep | First full week |  | Starter: FA, 5qns, HT 1, Week 1  Types of number, HCF, LCM, prime factor decomp | Starter: FA, 5qns, HT 2 Week 1  Decimal places, sig fig  Estimating and using a calc | June 17 Paper 2 (pink) |
| 2 | 20 Sep |  |  | Starter: FA, 5qns, HT 1, Week 2  Neg numbers and simplifying expressions (+, -, x, ÷) | Starter: FA, 5qns, HT 2 Week 2  Solving linear equations Extension – unknown on both sides | June17 Paper 3 (green) |
| 3 | 27 Sep |  |  | Starter: FA, 5qns, HT 1, Week 3  Fractions – fraction of an amount & the 4 rules | Starter: FA, 5qns, HT 2 Week 3  Ratios – simplifying, sharing & proportion | Nov 17 Paper 1 (yellow) |
| 4 | 4 Oct |  |  | Starter: FA, 5qns, HT 1, Week 4  Converting between fractions, decimals and percentages  Writing one number as a percentage of another | Starter: FA, 5qns, HT 2 Week 4  Percentage of an amount, increase and decrease  Extension – appreciation and depreciation | Nov 17 Paper 2 (lilac) |
| 5 | 11 Oct | PE:  6/10 |  | Starter: FA, 5qns, HT 1, Week 5 Angles – triangles, quadrilaterals, on a line, at a point,  Extension - parallel lines | Starter: FA, 5qns, HT 2 Week 5  Areas perimeter – triangles, quadrilaterals and compound shapes | Nov 17 Paper 3 (cream) |
| 6 | 18 Oct |  |  | Starter: FA, 5qns, HT 1, Week 5 Transformations – reflection, rotation, translation  Extension – enlargement from a centre | Starter: FA, 5qns, HT 2 Week 6  Probability – basic, in a table, relative frequency  Extension - tree diagrams | Mock Sets 1 and 2 |
|  |  |  | Half Term | | |  |
| 7 | 01 Nov | P1: 2/11  P2: 04/11 |  | Revision | Revision | Mock Set 3 Paper 1 (blue) |
| 8 | 08 Nov | Paper 3: 08/11 |  | Plans and elevations | Constructions | Century |
| 9 | 15 Nov |  |  | More percentages (interest and depreciation) Century - 11.07, 11.09 | Substitution  Century 17.14, 17.15 | Century |
| 10 | 22 Nov |  |  | Sequences and nth term  Century – 22.07, 22.10 | Frequency Polygons  Scatter Graphs  Century – 50.17, 50.14 | Century |
| 11 | 29 Nov |  |  | Stem and leaf  Century – 50.07, 50.08 | Pie charts  Century – 50.09, 50.11 | Century |
| 12 | 06 Dec | SR3 due:  10/12 |  | Frequency trees & Tree diagrams  Century – 46.10, 46.14, 46.15 | Best Buy  Century – 16.04 | Century |
| 13 | 13 Dec |  |  | Exchange rates  Century – 37.10, 37.11 | Two way tables  Century – 50.01, 50.02 | Century |
|  |  |  | Christmas | | |  |

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| Week no | Week  Beginning | | Calendar Notes |  | Lesson 1 | | Lesson 2 | Independent Work (exam paper + Century AI) | |
| 14 | Tues 04 Jan | |  |  | Venn diagrams  Multiples in context  Century – 47.06, 46.07, 5.04, 5.07 | | Averages – basic  Century – 49.09 | Century | |
| 15 | 10 Jan | | Results Day?? TBC |  | Writing an expression  Forming and solving equations  Century – 17.02, 19.18, 19.19 | | Standard form  Century – 14.03, 14.04, 14.06 | Century | |
| 16 | 17 Jan | |  |  | Starter: FA, 5qns, HT 3, Week 2  Expand 1 bracket  Factorise 1 bracket  Century - | | Starter: FA, 5qns, HT 4, Week 2  Inequalities  Century - | June 18 Paper 1 (green) | |
| 17 | 24 Jan | |  |  | Starter: FA, 5qns, HT 3, Week 1  Exams analysis & 121s | | Starter: FA, 5qns, HT 4, Week 1  Exam analysis & 121s | June 18 Paper 2 (yellow) | |
| 18 | 31 Jan | |  |  | Starter: FA, 5qns, HT 3, Week 3  Angles in parallel lines | | Starter: FA, 5qns, HT 4, Week 3  Interior and exterior angles | June 18 Paper 3 (lilac) | |
| 19 | 07 Feb | |  |  | Starter: FA, 5qns, HT 3, Wk 4  Pythagoras | | Starter: FA, 5qns, HT 4, Wk 4  Bearings | Practice Set 3 | |
| Half term | | | | | | | | | |
|  | 21 Feb | |  |  | Mock Week (Shadow Paper 1) | | |  | |
| 21 | 28 Feb | |  |  | Starter: FA, 5qns, HT 3, Wk 5  Factorising quadratics  Expanding 2 brackets | | Starter: FA, 5qns, HT 4, Wk5  Averages from table  Averages from grouped data | Shadow paper 3 (blue) | |
| 23 | | 14 Mar |  |  | Starter: FA, 5qns, HT 5,  Wk 2  Volume of prisms |  | Starter: FA, 5qns, HT 6, Week 2  Circles & Cylinders – labelling, circumference, area, volume | | Nov 18 Paper 2 (green) |
| 24 | | 21 Mar |  |  | Starter: FA, 5qns, HT 5, Wk 3  Rounding and error intervals |  | Starter: FA, 5qns, HT 6, Week 3  Compound measures | | Nov 18 Paper 3 (yellow) |
| 25 | | 28 Mar | End of term Thurs  1/4 |  | Starter: FA, 5qns, HT 5, Week4 Straight line graphs |  | Starter: FA, 5qns, HT 6, Week 5  Real – life graphs | | June 19 Papers 1 and 2 |
|  | | | | | | Easter | | |  |
| 26 | | Tues 19 Apr |  |  | Conversions and units  Scale drawings |  | Revision – wordy questions on proportion | | June 19 Paper 3 (lilac) |
| 27 | | 25 Apr |  |  | Revision – wordy area/shape questions |  | Revision – forming and solving equations questions | | Nov 19 Paper 1 (cream) |
| 28 | | Tues 03 May |  |  | Revision |  | Revision | | Nov 19 Paper 2 (blue) |
| 29 | | 9 May |  |  | Revision |  | Revision | | Nov 19 Paper 3 (pink) |
| 30 | | 16 May |  |  | Revision |  | Revision | | Practice set 4, 5, 6 |
| 31 | | 23 May | Paper 1: 25/05??  TBC |  |  | INSET | | |  |
|  | | | | | | Half Term | | |  |
| 32 | | 06 Jun | Paper 2: 08/06 |  | Revision |  | Revision | |  |
| 33 | | 13 Jun | Paper 3: 15/06 |  | Revision |  | Revision | |  |

Extra topics to include if you have time:

Trigonometry, simultaneous equations, vectors, recognising graph types