**8X4 / 8Y3**

**Half-Term 3**

**Algebraic Tinkering**

**3rd January – 15th January**

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| **Topic Area** | **Chapter Link** |
| Introduction to Algebra | <https://app.mymaths.co.uk/5786-lesson/introduction-to-algebra> |
| Simplifying 1 | <https://app.mymaths.co.uk/169-lesson/simplifying-1> |
| Multiplying out brackets | <https://app.mymaths.co.uk/171-lesson/single-brackets> |
| Rules and Formulae | <https://app.mymaths.co.uk/202-lesson/rules-and-formulae> |
| Function Machines | <https://app.mymaths.co.uk/201-lesson/function-machines> |
| Substitution 1 | <https://app.mymaths.co.uk/204-lesson/substitution-1> |
| Substitution 2 | <https://app.mymaths.co.uk/205-lesson/substitution-2> |

**Exploring Fractions, Decimals and Percentage**

**16th January – 25th January**

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| **Topic Area** | **Chapter Link** |
| Fraction, Decimal and Percent Equivalents 1 | <https://app.mymaths.co.uk/141-lesson/frac-dec-perc-1> |
| Fraction, Decimal and Percent Equivalents 2 | <https://app.mymaths.co.uk/142-lesson/frac-dec-perc-2> |

**Proportional Reasoning**

**26th January – 5th February**

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| **Topic Area** | **Chapter Link** |
| Modelling Ratio | <https://app.mymaths.co.uk/5857-lesson/modelling-ratio> |
| Introduction to Ratio | <https://app.mymaths.co.uk/158-lesson/ratio-introduction> |
| Dividing in a given ratio | <https://app.mymaths.co.uk/159-lesson/ratio-dividing-1> |

**Pattern Sniffing**

**6th February – 17th February**

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| **Topic Area** | **Chapter Link** |
| Counting 3 | <https://app.mymaths.co.uk/37-lesson/counting-3> |
| Counting 4 | <https://app.mymaths.co.uk/38-lesson/counting-4> |
| Sequences | <https://app.mymaths.co.uk/237-lesson/sequences> |
| Geometric sequences | <https://app.mymaths.co.uk/1732-lesson/geometric-sequences-1> |

**8X1 / 8X2 / 8X3 / 8Y1 / 8Y2**

**Half-Term 3**

**Proportional Reasoning**

**3rd January – 22nd January**

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| **Topic Area** | **Chapter Link** |
| Dividing in a given ratio 1 | <https://app.mymaths.co.uk/159-lesson/ratio-dividing-1> |
| Dividing in a given ratio 2 | <https://app.mymaths.co.uk/160-lesson/ratio-dividing-2> |
| Scaling and Rate | <https://app.mymaths.co.uk/5791-lesson/scaling-and-rate-problems> |
| Introduction to Proportion | <https://app.mymaths.co.uk/161-homework/proportion-introduction> |
| Unitary Method | <https://app.mymaths.co.uk/162-lesson/unitary-method> |

**Pattern Sniffing**

**23rd January – 5th February**

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| **Topic Area** | **Chapter Link** |
| Counting 4 | <https://app.mymaths.co.uk/38-lesson/counting-4> |
| Sequences | <https://app.mymaths.co.uk/237-lesson/sequences> |
| Geometric sequences | <https://app.mymaths.co.uk/1732-lesson/geometric-sequences-1> |
| Arithmetic sequences | <https://app.mymaths.co.uk/238-lesson/arithmetic-sequences> |
| Generating sequences | <https://app.mymaths.co.uk/1786-lesson/generating-sequences> |

**Investigate angles**

**6th February – 17th February**

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| **Topic Area** | **Chapter Link** |
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| Angles 3 | https://app.mymaths.co.uk/5792-lesson/angles-3 |
| Angles 4 | https://app.mymaths.co.uk/5793-lesson/angles-4 |
| Measuring angles | https://app.mymaths.co.uk/254-lesson/measuring-angles |
| Angle sums | https://app.mymaths.co.uk/256-lesson/angle-sums |
| Angle reasoning | <https://app.mymaths.co.uk/257-lesson/angle-reasoning> |
| Angles in parallel lines | <https://app.mymaths.co.uk/258-lesson/angles-in-parallel-lines> |
| Interior exterior angles | <https://app.mymaths.co.uk/259-lesson/interior-exterior-angles> |
| Sum of angles in a polygon | <https://app.mymaths.co.uk/260-lesson/sum-of-angles-in-a-polygon> |
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School Username : **kingshill** Password : **percent**