**7X3 / 7Y3**

**Half-Term 3**

**Algebraic Formulae**

**3rd January – 5th January**

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| **Topic Area** | **Chapter Link** |
| Introduction to Algebra | <https://app.mymaths.co.uk/5786-lesson/introduction-to-algebra> |
| Algebraic Thinking | <https://app.mymaths.co.uk/5781-lesson/algebraic-thinking> |
| Miles and Kilometres  *Pages 1 and 2 only* | <https://app.mymaths.co.uk/282-lesson/imperial-measures> |

**Exploring Fractions, Decimals and Percentage**

**6th January – 18th January**

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| **Topic Area** | **Chapter Link** |
| Introducing Fractions | <https://app.mymaths.co.uk/82-lesson/introducing-fractions> |
| Equivalent Fractions 1 | <https://app.mymaths.co.uk/85-lesson/simple-equivalent-fractions> |
| Equivalent Fractions 2 | <https://app.mymaths.co.uk/89-lesson/equivalent-fractions> |
| Simplify Fractions | <https://app.mymaths.co.uk/83-lesson/simple-fractions> |
| Start to Compare Fractions | <https://app.mymaths.co.uk/1727-lesson/starting-to-compare-fractions> |
| Comparing Fractions | <https://app.mymaths.co.uk/6030-lesson/comparing-fractions-1-bar-model> |
| Fraction & Decimal Equivalents | <https://app.mymaths.co.uk/90-lesson/fractions-to-decimals> |
| Fraction, Decimal and Percent Equivalents | <https://app.mymaths.co.uk/141-lesson/frac-dec-perc-1> |

**Proportional Reasoning**

**19th January – 1st February**

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| **Topic Area** | **Chapter Link** |
| Bar Model Multiplication and Division | <https://app.mymaths.co.uk/6028-lesson/bar-multiplication-and-division> |
| Ratio Introduction | <https://app.mymaths.co.uk/158-lesson/ratio-introduction> |
| Modelling Ratio | <https://app.mymaths.co.uk/5857-lesson/modelling-ratio> |
| Proportion Introduction | <https://app.mymaths.co.uk/161-lesson/proportion-introduction> |

**Pattern Sniffing**

**2nd 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> |

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**7X1 / 7X2 / 7Y1 / 7Y2**

**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> |

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