**8X4 / 8Y3**

**Half-Term 3**

**Algebraic Tinkering**

**3th January – 15th January**

|  |  |
| --- | --- |
| **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**

**18th January – 22nd January**

|  |  |
| --- | --- |
| **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**

**25th January – 8th February**

|  |  |
| --- | --- |
| **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> |

School Username : **kingshill** Password : **percent**

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

**Half-Term 3**

**Exploring Fractions, Decimals and Percentage**

**4th January – 20th January**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Recurring decimals | https://app.mymaths.co.uk/64-lesson/recurring-decimals-1 |
|  | <https://app.mymaths.co.uk/6116-game/recurring-decimals-pairs-activity-1> |
| Equivalent Fractions with recurring decimals | <https://app.mymaths.co.uk/1773-lesson/equivalent-fractions-2> |
| Simplifying Fractions | <https://app.mymaths.co.uk/1771-lesson/ordering-and-simplifying-fractions> |
| Fractions to Decimals | <https://app.mymaths.co.uk/90-lesson/fractions-to-decimals> |

**Proportional Reasoning**

**24th January – 8th February**

|  |  |
| --- | --- |
| **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> |

School Username : **kingshill** Password : **percent**