**8X3 / 8Y3**

**Half-Term 2**

**Visualising & Constructing**

**6th November – 22nd November**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Lines of Symmetry | <https://app.mymaths.co.uk/310-lesson/lines-of-symmetry> |
| Rotation Symmetry | <https://app.mymaths.co.uk/311-lesson/rotation-symmetry> |
| Measuring Angles | <https://app.mymaths.co.uk/254-lesson/measuring-angles> |
| Constructing Triangles with Protractor | <https://app.mymaths.co.uk/276-lesson/constructing-triangles> |
| Constructing Triangles with Compasses  *Page 6 only* | <https://app.mymaths.co.uk/277-lesson/constructing-shapes> |

**Properties of Shapes**

**23rd November – 8th December**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Properties of 3D Shapes | <https://app.mymaths.co.uk/241-lesson/2d-and-3d-shapes> |
| Describe 3D Shapes | <https://app.mymaths.co.uk/242-lesson/3d-shapes> |
| Nets of 3D Shapes | <https://app.mymaths.co.uk/243-lesson/nets-of-3d-shapes> |
| Properties of triangles | <https://app.mymaths.co.uk/244-lesson/properties-of-triangles> |
| Properties of quadrilaterals | <https://app.mymaths.co.uk/245-lesson/lines-and-quadrilaterals> |

**Algebraic Tinkering**

**11th December – 22nd December**

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

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

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

**Half-Term 2**

**Understanding Risk 1**

**6th November – 15th November**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Probability Introduction | <https://app.mymaths.co.uk/377-lesson/probability-intro> |
| Simple Probability | <https://app.mymaths.co.uk/378-lesson/simple-probability> |
| Listing Outcomes | <https://app.mymaths.co.uk/379-lesson/listing-outcomes> |

**Algebraic Tinkering**

**16th November – 31st November**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Algebraic Notation | <https://app.mymaths.co.uk/170-lesson/simplifying-2> |
| Multiplying out brackets | <https://app.mymaths.co.uk/171-lesson/single-brackets> |
| Factorising single brackets | <https://app.mymaths.co.uk/173-lesson/factorising-linear> |
| Indices 1 | <https://app.mymaths.co.uk/153-lesson/indices-1> |
| Substitution 2 | <https://app.mymaths.co.uk/205-lesson/substitution-2> |
| Changing the subject of a formula | <https://app.mymaths.co.uk/206-lesson/rearranging-1> |

**Exploring Fractions, Decimals and Percentage**

**4th December – 22nd December**

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

School Username : **kingshill** Password : **multiply**