**9X3 / 9X4 / 9Y2 / 9Y3**

**Half-Term 1**

**Numbers & the Number System**

**5th September – 18th September**

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| **Topic Area** | **Chapter Link** |
| Prime Factors & HCF | <https://app.mymaths.co.uk/151-lesson/highest-common-factor> |
| Prime Factors & LCM | <https://app.mymaths.co.uk/152-lesson/lowest-common-multiple> |
| Round to significant figures | <https://app.mymaths.co.uk/75-lesson/significant-figures> |
| Standard form for large numbers | <https://app.mymaths.co.uk/166-lesson/standard-form-large> |
| Standard form for small numbers | <https://app.mymaths.co.uk/167-lesson/standard-form-small> |

**Calculating**

**20th September – 8th October**

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| **Topic Area** | **Chapter Link** |
| Negative Numbers | <https://app.mymaths.co.uk/47-lesson/negative-numbers-1> |
| Calculating with Negatives Numbers | <https://app.mymaths.co.uk/48-lesson/negative-numbers-2> |
| Order of Operation (BIDMAS) | <https://app.mymaths.co.uk/203-lesson/order-of-operations> |
| Effective use of a calculator 1 | <https://app.mymaths.co.uk/1736-lesson/calculator-methods-1> |
| Effective use of a calculator 2 | <https://app.mymaths.co.uk/1737-lesson/calculator-methods-2> |

**Visualising & Constructing**

**11th October – 23rd October**

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| **Topic Area** | **Chapter Link** |
| Enlarging Shapes | <https://app.mymaths.co.uk/314-lesson/enlarging-shapes> |
| Scale Drawing | <https://app.mymaths.co.uk/303-lesson/scale-drawing> |
| Map Scales | <https://app.mymaths.co.uk/304-lesson/map-scales> |
| Plans and Elevations | <https://app.mymaths.co.uk/246-lesson/plans-elevations> |
| Bearings | <https://app.mymaths.co.uk/255-lesson/bearings> |

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**9X1 / 9X2 / 9Y1**

**Half-Term 1**

**Calculating**

**5th September – 1st October**

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| **Topic Area** | **Chapter Link** |
| Calculating with indices | <https://app.mymaths.co.uk/153-lesson/indices-1> |
| Negative indices | <https://app.mymaths.co.uk/1785-lesson/indices-2>  |
| Powers and roots | <https://app.mymaths.co.uk/1729-lesson/higher-powers> |
| Standard form for large numbers | <https://app.mymaths.co.uk/166-lesson/standard-form-large> |
| Standard form for small numbers | <https://app.mymaths.co.uk/167-lesson/standard-form-small> |
| Multiplying and Dividing with Standard Form | <https://app.mymaths.co.uk/168-lesson/standard-form-calcs>  |
| Error intervals (rounding and truncating) | <https://app.mymaths.co.uk/3269-lesson/error-intervals>  |

**Visualising & Constructing**

**4th October – 22nd October**

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| **Topic Area** | **Chapter Link** |
| Compass Construction | <https://app.mymaths.co.uk/277-lesson/constructing-shapes>  |
| Loci | <https://app.mymaths.co.uk/278-lesson/drawing-loci>  |
| Plans & Elevations | <https://app.mymaths.co.uk/246-lesson/plans-elevations>  |

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