**8X4 / 8Y3**

**Half-Term 5**

**Calculating Fractions, Decimals and Percentage**

**17th April – 25th April**

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| **Topic Area** | **Chapter Link** |
| Adding and Subtracting Fractions | <https://app.mymaths.co.uk/91-lesson/adding-subtracting-fractions> |
| Start Multiplying Fractions | <https://app.mymaths.co.uk/5779-lesson/starting-to-multiply-fractions> |
| Multiplying Fractions | <https://app.mymaths.co.uk/5779-lesson/starting-to-multiply-fractions> |
| Dividing Fractions | <https://app.mymaths.co.uk/94-lesson/dividing-fractions> |
| Percentage Increase – Decimal Multiplier | <https://app.mymaths.co.uk/143-lesson/percentage-change-1> |
| Comparing quantities | <https://app.mymaths.co.uk/3275-lesson/comparing-quantities> |
| Percentage Change | <https://app.mymaths.co.uk/145-lesson/change-as-a-percentage> |

**Solve Equations and Inequalities**

**26th April – 6th May**

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| **Topic Area** | **Chapter Link** |
| Solve one-step equations | <https://app.mymaths.co.uk/1733-lesson/equations-1-one-step>  |
| Solve two-step equations | <https://app.mymaths.co.uk/187-lesson/equations-2-multi-step>  |
| Brackets involved *(1st 3 sections only)* | <https://app.mymaths.co.uk/1734-lesson/equations-4-brackets>  |

**Calculating Space**

**8th May – 19th May**

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| **Topic Area** | **Chapter Link** |
| Perimeter | <https://app.mymaths.co.uk/265-lesson/perimeter>  |
| Area of Triangles | <https://app.mymaths.co.uk/268-lesson/area-of-a-triangle>  |
| Area of Trapeziums | <https://app.mymaths.co.uk/271-lesson/area-of-a-trapezium>  |
| Volume of Cuboids | <https://app.mymaths.co.uk/335-lesson/volume-of-cuboids>  |
| Surface area of Cuboids | <https://app.mymaths.co.uk/334-lesson/nets-surface-area>  |

**Mathematical Movement**

**22nd May – 26th May**

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| **Topic Area** | **Chapter Link** |
| Co-ordinates in four quadrants | <https://app.mymaths.co.uk/182-lesson/coordinates-2-negative>  |
| Simple straight line graphs | <https://app.mymaths.co.uk/1765-lesson/plotting-graphs-1-lines>  |

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

**Half-Term 5**

**Solving Equations**

**17th April – 19th April**

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| **Topic Area** | **Chapter Link** |

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| Solve one-step equations | <https://app.mymaths.co.uk/1733-lesson/equations-1-one-step> |
| Solve two-step equations | <https://app.mymaths.co.uk/187-lesson/equations-2-multi-step> |
| Equations with brackets and negatives | <https://app.mymaths.co.uk/1734-lesson/equations-4-brackets> |

**Calculating Space**

**20th April – 2nd May**

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| **Topic Area** | **Chapter Link** |
| Parts of a Circle | <https://app.mymaths.co.uk/6010-lesson/parts-of-a-circle>  |
| Circumference of a Circle | <https://app.mymaths.co.uk/7066-lesson/circumference-of-a-circle-small-step>  |
| Using Circumference of a Circle | <https://app.mymaths.co.uk/7067-lesson/using-the-circumference-of-a-circle-small-step> |
| Area of a Circle | <https://app.mymaths.co.uk/7069-lesson/area-of-a-circle-small-step> |
| Using Area of a Circle | <https://app.mymaths.co.uk/7070-lesson/using-the-area-of-a-circle-small-step>  |
| Volume of a Prism | <https://app.mymaths.co.uk/336-lesson/volume-of-prisms-and-cylinders>  |

**Algebraic Proficiency - Visualising**

**3rd May – 19th May**

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| **Topic Area** | **Chapter Link** |
| Plotting Graphs 1 | <https://app.mymaths.co.uk/1765-lesson/plotting-graphs-1-lines>  |
| Plotting Graphs 2 | <https://app.mymaths.co.uk/1766-lesson/plotting-graphs-2-lines>  |
| Gradient and Intercept | <https://app.mymaths.co.uk/219-lesson/gradient-and-intercept>  |
| Plotting quadratics | <https://app.mymaths.co.uk/215-lesson/plotting-graphs-3-quadratics>  |

**Understanding Risk 2**

**22nd May – 26th May**

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| **Topic Area** | **Chapter Link** |

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| Listing outcomes | <https://app.mymaths.co.uk/379-lesson/listing-outcomes>  |
| Frequency trees | <https://app.mymaths.co.uk/3262-lesson/frequency-trees>  |
| Venn diagrams 1 | <https://app.mymaths.co.uk/1731-lesson/venn-diagrams-1>  |
| Simple probability | <https://app.mymaths.co.uk/378-lesson/simple-probability>  |

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