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

**Half-Term 4**

**Investigate angles**

**27th February – 3rd March**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
|  |  |
| Angles 3 | https://app.mymaths.co.uk/5792-lesson/angles-3 |
| Angles 4 | https://app.mymaths.co.uk/5793-lesson/angles-4 |
| Measuring angles | https://app.mymaths.co.uk/254-lesson/measuring-angles |
| Angle sums | https://app.mymaths.co.uk/256-lesson/angle-sums |
| Angle reasoning | <https://app.mymaths.co.uk/257-lesson/angle-reasoning> |
| Angles in parallel lines | <https://app.mymaths.co.uk/258-lesson/angles-in-parallel-lines> |
| Interior exterior angles | <https://app.mymaths.co.uk/259-lesson/interior-exterior-angles> |
| Sum of angles in a polygon | <https://app.mymaths.co.uk/260-lesson/sum-of-angles-in-a-polygon> |

**Calculating fractions, decimals and percentages**

**6th March – 18th March**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Percentage of an amount | <https://app.mymaths.co.uk/139-lesson/percentages-of-amounts-1> |
|  | <https://app.mymaths.co.uk/140-lesson/percentages-of-amounts-2> |
| Percentage change | <https://app.mymaths.co.uk/143-lesson/percentage-change-1> |
| Reverse percentages | <https://app.mymaths.co.uk/1743-lesson/reverse-percentages> |
| Change as a percentage | <https://app.mymaths.co.uk/145-lesson/change-as-a-percentage> |

**Solving equations**

**20th March – 31st March**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Solving equations | <https://app.mymaths.co.uk/1733-lesson/equations-1-one-step> |
|  | <https://app.mymaths.co.uk/187-lesson/equations-2-multi-step> |
|  | <https://app.mymaths.co.uk/188-lesson/equations-3-both-sides> |
|  | <https://app.mymaths.co.uk/1734-lesson/equations-4-brackets> |
|  | <https://app.mymaths.co.uk/1735-lesson/equations-5-fractions> |

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

**9X1 / 9X2 / 9Y1 / 9Y2**

**Half-Term 4**

**Solving Equations and Inequalities 1**

**3rd January – 18th January**

**Conjecturing**

**27th February – 8th March**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Angle reasoning | <https://app.mymaths.co.uk/257-lesson/angle-reasoning> |
| Angle proofs | <https://app.mymaths.co.uk/261-lesson/angle-proofs> |
| Congruent triangle | <https://app.mymaths.co.uk/247-lesson/congruent-triangles> |
| Similar triangles | <https://app.mymaths.co.uk/306-lesson/similar-triangles> |

**Algebraic Proficiency - Visualising**

**8th March – 31st March**

|  |  |
| --- | --- |
| **Topic Area** | **Chapter Link** |
| Linear graphs | <https://app.mymaths.co.uk/1765-lesson/plotting-graphs-1-lines> |
|  | <https://app.mymaths.co.uk/1766-lesson/plotting-graphs-2-lines> |
|  | <https://app.mymaths.co.uk/219-lesson/gradient-and-intercept> |
|  | <https://app.mymaths.co.uk/220-lesson/y-mx-c> |
| Quadratic graphs | <https://app.mymaths.co.uk/215-lesson/plotting-graphs-3-quadratics> |
| Distance time graphs | <https://app.mymaths.co.uk/217-lesson/distance-time-graphs> |

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