| Subject Yearly Overview 2025-2026 | | | |
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| **Subject: Maths Y9** | **TOPIC** | **COMPONENT** | ***Notes:*** *Why are you delivering this topic at this time of year?* |
| **Autumn 1** | Algebra 1 | Simplify and manipulate algebraic expressions:<br><br>Collecting like terms<br><br>Simplifying expressions involving sums, products and powers, including<br>the laws of indices. | Having taught this group throughout the transition period in Summer 2 last year. I learnt that they are really eager to learn about algebra and have not been taught this content before.<br>I feel that starting with this topic while they are ready to learn will help to keep them engaged. The Autumn term is also longer than the others and as a result will give us more time to cover this topic. |
| **Autumn 2** | Geometry & Measure | 2D shapes<br>Identify properties of 2D shapes<br>Find Perimeter<br>Find surface area with formulae (rectangle & right angled triangles)<br>Find the surface area of compound/composite shapes<br><br>3-D shapes<br>Identify properties of 3D shapes (faces, edges, vertices)<br>Find volume of a cuboid and other ***simple*** prisms (use formulae) | After a long Autumn term, I think that that pupils find this topic easier to grasp and there are many physical resources available e.g. 3D shapes that pupils can see, hold and relate to learning. |

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| **Spring 1** | AQA Entry Level Certificate Maths - 5930. | Properties of number<br>The four operations<br>Ratio<br>Money<br>The calendar and time<br>Measures<br>Geometry<br>Statistics | This is an alternative to the Entry level assessment used last year. Pupils need to complete a minimum of four components (in any order) to grade. I had a look and they are more 'maths' based and therefore less wordy.<br><br>This will fit in with the January registration window. |
| **Spring 2** | Number | Order positive and negative integers,<br>Adding and subtracting /Multiply & dividing positive & negative integers<br>Introduction to Maths symbols e.g.<br>=, ≠, <, >, ≤, ≥<br>Understand the value of the digits in whole numbers<br>Round numbers to the nearest whole number, 10, 100 or 1000 | This will offer pupils a contrast to the previous term as the focus returns to numbers. |
| **Summer 1** | Algebra 2 | substitute numerical values into formulae and expressions, including scientific formulae<br><br>*Solving equations and inequalities*<br><br>Solve linear equations with one unknown algebraically | This will give pupils an opportunity to build on what they were taught in Autumn 1. |
| **Summer 2** | Geometry and measure | Nets of shapes<br>Plans and elevations | The housing markets is typically booming in the Summer months and this will allow ample opportunities to bring real life examples into the classroom |