 **Yr 7 Numeracy Non-Negotiables**



These are the skills that the pupils need to master in year 7 to enable them to succeed at Numeracy. Click on the links to go to the My Maths pages. All Ysgol Eirias pupils have the user name and password.

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| **Progression Step** | **Skill – Read/write numbers** |
| 2 | [Read, write and interpret numbers, using figures and words, up to at least one thousand](https://app.mymaths.co.uk/43-lesson/place-value-hundreds-thousands) |
| 3 | [Read, write and interpret numbers, using figures and words up to at least one million](https://app.mymaths.co.uk/1742-lesson/place-value-beyond-10000) |

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| **Progression Step** | **Skill – Times tables** |
| 2 | [Understand, and recall, multiplication tables including 2,3,4,5 and 10](https://app.mymaths.co.uk/128-lesson/multiplying)  and use the term ‘[multiples](https://app.mymaths.co.uk/44-lesson/odds-evens-multiples)’. |
| 3 | [Fluently recall times tables up to at least 10 × 10](https://app.mymaths.co.uk/127-lesson/mixed-tables-2-to-12) and demonstrate understanding by using them appropriately in applications and in [mental](https://app.mymaths.co.uk/5782-lesson/mental-multiplication) and [written](https://app.mymaths.co.uk/1425-lesson/word-problems) arithmetic. |

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| **Progression Step** | **Skill – Addition/subtraction** |
| 2 | [Add](https://app.mymaths.co.uk/33-lesson/adding-in-columns) and [subtract](https://app.mymaths.co.uk/34-lesson/subtraction-columns) whole numbers |
| 3 | Add and subtract whole numbers and [decimals](https://app.mymaths.co.uk/58-lesson/add-and-subtract-decimals) |
| 4 | Add and subtract whole numbers, decimals and [fractions](https://app.mymaths.co.uk/91-lesson/adding-subtracting-fractions) |

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| **Progression Step** | **Skill – Multiplication/division** |
| 2 | [Multiply](https://www.youtube.com/watch?v=frqkKnJWJnM) and [divide](https://www.youtube.com/watch?v=SLze82Zcc4Y) whole numbers |
| 3 | [Multiply](https://www.youtube.com/watch?v=7txfCpP_jQY&t=140s) and [divide](https://www.youtube.com/watch?v=2PU5JshO0xA) whole numbers and decimals |
| 4 | Fluidly [multiply](https://app.mymaths.co.uk/5780-lesson/multiplying-fractions-by-fractions) and [divide](https://app.mymaths.co.uk/94-lesson/dividing-fractions) whole numbers, decimals and fractions |

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| **Progression Step** | **Skill – Estimating** |
| 2 | Engage in practical tasks and real-life problems to estimate and round numbers to the nearest [10](https://app.mymaths.co.uk/69-lesson/estimating-amounts) and [100](https://app.mymaths.co.uk/70-lesson/solving-problems-by-rounding). |
| 3 | Demonstrate an understanding of rounding and solve problems requiring rounding to the [nearest unit](https://app.mymaths.co.uk/73-lesson/rounding-decimals), 10, 100 and [1000](https://app.mymaths.co.uk/5778-lesson/rounding-and-accuracy). |
| 4 | Solve problems requiring [rounding](https://app.mymaths.co.uk/73-lesson/rounding-decimals) or [significant figures](https://app.mymaths.co.uk/75-lesson/significant-figures) at various stages of the calculation and give the answer, using both written and digital methods, interpreting the calculator outputs. |

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| **Progression Step** | **Skill – Finances** |
| 2 | Explain that money and ways to save and pay come in different forms. Make sensible financial transactions in familiar role-play scenarios, including making informed decisions and choices about spending and saving. |
| 3 | Demonstrate an understanding of income and expenditure, and calculate profit and loss. Create and [evaluate budgets for activities and events](https://app.mymaths.co.uk/108-lesson/incomes-1). |
| 4 | Justify choices based on [value for money](https://app.mymaths.co.uk/110-lesson/best-buys-and-value-for-money), personal well-being and global impact. |