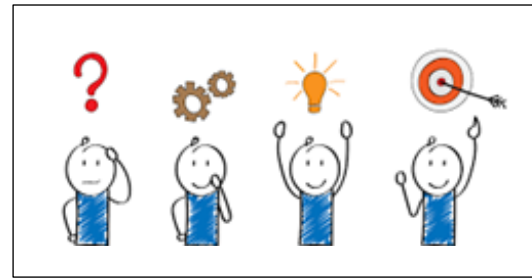


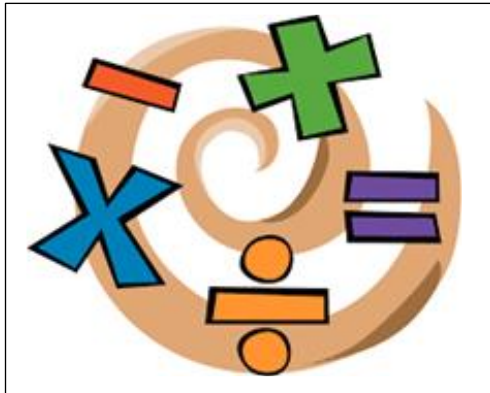


What makes a Year 4 Eynesbury Mathematician?



An Eynesbury Mathematician will:

- Ask questions
- Work systematically
- Look for patterns
- Make estimations
- Check their work carefully
- Choose efficient strategies
- Use subject specific vocabulary to explain their thinking
- Make connections between different areas of Maths
- Be resilient and is not afraid to make mistakes.
- Recall number facts quickly and use them to find related facts.



By the end of Year 4, an Eynesbury Mathematician:

- Knows decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$
- Writes any number of tenths or hundredths as a decimal
- Finds families of common equivalent fractions
- Adds and subtracts fractions with the same denominator
- Finds areas of rectilinear shapes by counting squares

By the end of Year 4, an Eynesbury Mathematician:

- Can round any number to the nearest 10, 100, 1000 and round a number with one decimal place to the nearest whole number
- Counts backwards through zero
- Uses columnar addition and subtraction with numbers up to four digits
- Knows multiplication facts up to 12×12
- Knows division facts related to tables up to 12×12
- Multiplies two- and three-digit numbers by a one-digit number using short multiplication
- Uses known and derived facts to multiply and divide mentally

Mathematical skills are required for almost any job you can think of, such as:

- Construction workers, painters, architects
- Weather forecasters, astronomer's
- Hairdressers, musicians,
- Doctors, nurses,

By the end of Year 4, an Eynesbury Mathematician:

- Finds perimeters of rectilinear shapes
- Knows that area is measured in squares
- Uses a line of symmetry to complete a symmetric shape or pattern
- Uses coordinates in the first quadrant
- Interprets and constructs bar charts and time graphs
- Knows the Roman numerals I, V, X, L, C
- Knows adjacent time facts involving years, months, weeks, days, hours, minutes and seconds
- Knows 12- and 24-hour clock conversions
- Knows the names and connected properties of triangles and quadrilaterals
- Knows the definitions of acute and obtuse angles



An Eynesbury Mathematician will use Maths skills all the time, for example by:

- Telling the time, reading timetables,
- Weighing ingredients to cook, estimating how much water to add a drink cup or bath.
- Playing a range of board, online and practical games, including keeping scores in games such as Football, Tennis, Netball.