Key words and symbols: what I need to say and write accurately

Word	Explanation
term	A number in a sequence. Terms have position 1, 2, 3, 4, and so on, and these positions are labelled with the variable n. e.g. in the sequence 5, 7, 9, 11, ... the 1st term (where $n = 1$) is 5 and the 4th term (where $n = 4$) is 11.
term-to-term rule	We can define a sequence with a term-to-term rule, which tells us where to start and how to get from one term to the next. e.g. in the sequence 5, 7, 9, 11, ... the term-to-term rule would be 'start at 5 and add 2 every time'
increasing sequence	A sequence where each term is greater than the one before. e.g. 5, 7, 9, 11, ...
decreasing sequence	A sequence where each term is less than the one before. e.g. 11, 9, 7, 5, ...
nth term formula	A formula that calculates the value of each term, using its position, n. For this reason it is sometimes called the position-to-term formula. e.g. For the sequence 5, 7, 9, 11, ... the nth term formula is $2n + 3$
coefficient	A number/letter that multiplies another in an expression. e.g. In the expression $2n + 3$, the coefficient of n is 2 and the coefficient of 2 is n.
linear sequence	A sequence where the difference between terms is constant (doesn't change). e.g. 5, 7, 9, 11, ... (the difference is 2) or 10, 7, 4, 1, ... (the difference is -3).
quadratic sequence	A sequence where the differences between terms form a linear sequence. e.g. 1, 4, 9, 16, 25, ... (the differences are 3, 5, 7, 9, ..., which is itself a linear sequence).
geometric sequence	A sequence where there is a constant multiplier between terms. e.g. 1, 2, 4, 8, 16, ... (each term is multiplied by 2 to get the next)
Fibonacci-style sequence	A sequence where each term is the sum of the previous two. e.g. 1, 4, 5, 9, 14, 23, ...

Fingertip facts: what I need to learn by heart

The sequence of square numbers: 1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144, 169, 196, 225, ...

The sequence of cube numbers: 1, 8, 27, 64, 125, 216, 343, 512, 729, 1000, ...

The triangular (or triangle) numbers: 1, 3, 6, 10, 15, 21, 28, 36, 45, 55, ...

The Fibonacci sequence: 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, ...