

ALGEBRA 1 Foundation Revision Topics

1. Generate the next term of a sequence by spotting the pattern

2. Pupils can recognise number patterns and find term to term rules and position to term rules for linear sequences

3. Pupils generate straight line graphs from an equation in the form $y=mx+c$

4. Pupils find the gradient of a straight line and can use the gradient and intercept to write the equation of a straight line

5. Use conversion graphs to change currency, weights and other practical graphs

6. Draw and interpret travel (Distance/Time)graphs

7. Substitute positive numbers into simple formulae in real life and mathematical situations

8. Substitute positive and negative numbers into algebraic expressions including $2m^2$ and $(2m)^2$

9. Factorise a linear expression by taking out a number or a letter as a common factor

10. Expand expressions by multiplying out a single bracket. Collect terms together to simplify.