

WHAT DO WE ALREADY *know?*

- Know basic algebraic notation (the rules of algebra).
- Simplify an expression by collecting like terms.
- Know how to multiply a single term over a bracket.
- Substitute positive numbers into expressions and formulae.
- Calculate with negative numbers.

Stage 8 – Algebraic Proficiency: Basic



- Use and interpret algebraic notation.
- Simplify algebraic expressions.
- Factorise expressions.
- Substitute values into formulae.
- Rearrange formulae to change the subject.



- Product
- Term
- Variable
- Coefficient
- Substitute
- Formulae
- Power
- Indices
- Factorise
- Subject

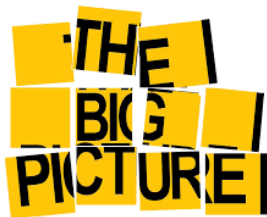
Algebraic Proficiency: Basic - Targets

	Before Topic	After Topic	Teacher Mark
Simplify an expression by collecting like terms.			
Simplify more complex expressions by using the laws of indices.			
Know and use to the power of 1 and to the power of 0.			
Understand factorise means to put brackets in.			
Factorise an expression by taking out the highest common factor.			
Know substitute means 'replace'.			
Substitute positive and negative numbers into expressions and formulae.			
Rearrange formulae to change the subject when one and two steps are required.			

WHAT DO WE ALREADY *know?*

- Know basic algebraic notation (the rules of algebra).
- Simplify an expression by collecting like terms.
- Know how to multiply a single term over a bracket.
- Substitute positive numbers into expressions and formulae.
- Calculate with negative numbers.

Stage 8 – Algebraic Proficiency: Basic



- Use and interpret algebraic notation.
- Simplify algebraic expressions.
- Factorise expressions.
- Substitute values into formulae.
- Rearrange formulae to change the subject.

KEYWORDS

- Product
- Term
- Variable
- Coefficient
- Substitute
- Formulae
- Power
- Indices
- Factorise
- Subject

Algebraic Proficiency: Basic - Targets

Algebraic Proficiency: Basic - Targets	Before Topic	After Topic	Teacher Mark
Simplify an expression by collecting like terms.			
Simplify more complex expressions by using the laws of indices.			
Know and use to the power of 1 and to the power of 0.			
Understand factorise means to put brackets in.			
Factorise an expression by taking out the highest common factor.			
Know substitute means 'replace'.			
Substitute positive and negative numbers into expressions and formulae.			
Rearrange formulae to change the subject when one and two steps are required.			