# Longfield Learning Journey

| Key Stage 3 Support | Unit 7 – Year 8<br>Algebra | Term:<br>2.1 |
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| Key Words: | Prerequisites | R | A | G |
|---|---|---|---|---|
| Term, sequence, expression<br>Simplify, evaluate<br>Form, bracket, proof, forumulae | Multiply | | | |
| | Divide | | | |
| | Add | | | |
| | Subtract | | | |

| | Content: Algebra Unit 7 | R | A | G |
|---|---|---|---|---|
| 7.1<br>Simple Algebraic Expressions and their Representation | Represent algebraic expressions using algebra discs | | | |
| 7.2 Like Terms and Unlike Terms | Recognise like terms and unlike terms and collect like terms in an expression | | | |
| 7.3 Expansion of Brackets | Expand an algebraic expression with brackets | | | |
| 7.4 Formulating Algebraic Expressions | Use algebraic expressions to model real-world situations | | | |
| 7.5 Evaluating Algebraic Expressions and Formulae | Interpret and evaluate algebraic expressions and formulae | | | |
| 7.6 Patterns, Sequences and Proof | Solve problems involving number patterns and sequences | | | |
| | Express the nth term of a sequence in terms of n | | | |
| | Recognise arithmetic and geometric sequences | | | |
| | Prove claims about the values of terms in a sequence | | | |

| K<br>*What you know* | W<br>*What you want to know* | L<br>*What have you learned* |
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