

YEAR 8

HALF TERM 3

<b>What? When? Why?</b>	<b>Lesson 1 Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 2 Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 3 Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 4 Learning intentions</b> (what can a student do at the end of the lesson)
Week 1 Brackets, equations and inequalities	Form algebraic expressions	Use directed number with algebra	Multiply out a single bracket	Factorise into a single bracket
Week 2 Brackets, equations and inequalities	Expand multiple single brackets and multiply	Solve one step equations Solve 2 step equations	Solve equations with brackets	Form and solve equations with brackets
Week 3 Brackets, equations and inequalities	Understand inequalities and represent them on a number line	Solve simple inequalities	Form and solve inequalities	Identify and use formulae, expressions, identities and equations
Week 4 Sequences	Generate sequences given a rule in words	Generate sequences given a simple algebraic rule	Generate sequences given a complex algebraic rule	Find the rule for the nth term of a linear sequence
Week 5 Indices	Adding and subtracting expressions with indices	Simplifying algebraic expressions by multiplying indices	Simplifying algebraic expressions by dividing indices	Using the addition law for indices
Week 6	Using the addition and subtraction law for indices	Exploring power of powers	Exam equations on Brackets, equations and inequalities	Exam equations on Sequences and Indices