YEAR 8

HALF TERM 3

What? **When?** **Why?**	**Lesson 1** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 2** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 3** **Learning intentions** (what can a student do at the end of the lesson)	**Lesson 4** **Learning intentions** (what can a student do at the end of the lesson)
Week 1 Brackets, equations and inequalities	Understand and use algebraic notation and key vocab including; term, expression, equation, identity and formula Form algebraic expressions	Substitution	Substitution	Multiply out a single bracket
Week 2 Brackets, equations and inequalities	Expand multiple single brackets and multiply	Factorise into a single bracket	Solve one step equations	Solve 2 step equations
Week 3 Brackets, equations and inequalities	Solve equations with brackets	Form and solve equations	Understand inequalities and represent them on a number line	Solve simple inequalities including finding integer solutions
Week 4 Brackets, equations and inequalities Sequences	Form and solve inequalities	Use formulae, expressions, identities and equations	Generate sequences using term to term rule	Generate sequences using position to term rule
Week 5 Sequences Indices	Use the n'th term to generate a sequence	Find the rule for the nth term of a linear sequence	Understand and use indices with positive integers	Using the addition and subtraction law for indices
Week 6 Indices	Exploring power of powers	Simplifying algebraic expressions by multiplying and dividing indices	Recap and revise Algebra and sequences	HALF TERM