YEAR 7

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	Properties of addition and subtraction Mental strategies for addition and subtraction	Use formal methods for addition of integers Use formal methods for addition of decimals	Use formal methods for subtraction of integers Use formal methods for subtraction of decimals	Choose the most appropriate method: mental strategies, formal written or calculator
Week 2	Solve problems in the context of perimeter	Solve financial maths problems	Solve problems involving tables and timetables	Solve problems with frequency trees
Week 3	Solve problems with bar charts and line charts	Properties of multiplication & division	Understand and use factors	Understand and use multiples
Week 4	Multiply and divide integers and decimals by powers of 10	Multiply by 0.1 and 0.01	Use formal methods to multiply integers	Use formal methods to multiply decimals
Week 5	Use formal methods to divide integers	Use formal methods to divide decimals	Convert metric units	Understand and use order of operations
Week 6	Solve problems using the area of rectangles and parallelograms	Solve problems using the area of triangle	Explore multiplication and division in algebraic expressions (H)	Find a fraction of a given amount
Week 7	Use a given fraction to find the whole and/or other fractions	Find a percentage of a given amount using mental methods	Find a percentage of a given amount using a calculator	Solve problems with fractions greater than 1 and percentages greater than 100% (H)