Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 11 Calculating FDP		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway **Emerging**	Calculate percentage of a quantity Add and subtract fractions with the same denominator	Add fractions with different denominators Add a mixed number and a fraction, including with different denominators Add mixed numbers, including with different denominators Subtract fractions with different denominators Subtract a mixed number and a fraction, including with different denominators Subtract mixed numbers, including with different denominators Multiply a proper fraction by a proper fraction Divide a proper fraction by a whole number Solve problems involving the use of percentages to make comparisons	Add proper and improper fractions Add Mixed Numbers Subtract proper and improper fractions Subtract Mixed Numbers Identify the multiplier for a percentage increase/decrease Use calculators to find a percentage of an amount using multiplicative methods Use calculators to increase and decrease an amount by a percentage using multiplicative methods Compare quantities using percentages Know that percentage change = actual change / original amount X 100
Key Objectives / Learning Pathway **Developing**	Add fractions with different denominators Add a mixed number and a fraction, including with different denominators Add mixed numbers, including with different denominators Subtract fractions with different denominators Subtract a mixed number and a fraction, including with different denominators Subtract mixed numbers, including with different denominators Multiply a proper fraction by a proper fraction Divide a proper fraction by a whole number Solve problems involving the use of percentages to make comparisons	Add proper and improper fractions Add Mixed Numbers Subtract proper and improper fractions Subtract Mixed Numbers Identify the multiplier for a percentage increase/decrease Use calculators to find a percentage of an amount using multiplicative methods Use calculators to increase and decrease an amount by a percentage using multiplicative methods Compare quantities using percentages Know that percentage change = actual change / original amount X 100	Multiply proper and improper fractions Multiply Mixed Numbers Divide proper and improper fractions Divide Mixed Numbers Divide a mixed number by a proper fraction/mixed number Calculate percentage change in a given situation, including percentage increase and decrease
Key Objectives / Learning Pathway **Securing**	Add proper and improper fractions Add Mixed Numbers Subtract proper and improper fractions	Multiply proper and improper fractions Multiply Mixed Numbers Divide proper and improper fractions	Understand multipliers Identify the multiplier for a percentage increase and decrease when the percentage is greater

	Subtract Mixed Numbers Identify the multiplier for a percentage increase/decrease Use calculators to find a percentage of an amount using multiplicative methods Use calculators to increase and decrease an amount by a percentage using multiplicative methods Compare quantities using percentages Know that percentage change = actual change / original amount X 100	Divide Mixed Numbers Divide a mixed number by a proper fraction/mixed number Calculate percentage change in a given situation, including percentage increase and decrease	than 100% Use Calculators to increase an amount by a percentage greater that 100% Solve problems involving percentage change Solve original value problems when working with percentages Solve financial problems including simple interest Solve problems that require exact calculations with fractions
Key Objectives / Learning Pathway Excelling	Multiply proper and improper fractions Multiply Mixed Numbers Divide proper and improper fractions Divide Mixed Numbers Divide a mixed number by a proper fraction/mixed number Calculate percentage change in a given situation, including percentage increase and decrease	Understand multipliers Identify the multiplier for a percentage increase and decrease when the percentage is greater that 100% Use Calculators to increase an amount by a percentage greater that 100% Solve problems involving percentage change Solve original value problems when working with percentages Solve financial problems including simple interest Solve problems that require exact calculations with fractions	---