

Curriculum End Points	Subject: Mathematics		
Theme / Area Covered	FDP 2		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway Emerging	<p>Calculate percentage of a quantity Add and subtract fractions with the same denominator</p>	<p>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</p>	<p>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</p>
Key Objectives / Learning Pathway Developing	<p>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</p>	<p>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</p>	<p>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</p>

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