Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 6 Exploring FDP		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway **Emerging**	Use common factors to simplify fractions; use common multiples to express fractions in the same denomination Compare and order fractions, including fractions > 1. Recalls and uses equivalences between simple fractions, decimals and percentages, including in different contexts.	Recalls and uses equivalences between simple fractions, decimals and percentages, including in different contexts. Find simple percentages of amounts (e.g. 50%, 25%, 10%)	Rewrite a division as a fraction and use equivalents to solve. Multiply decimals by decimals by use of calculations involving the same digits and then converting back. Simplify fractions. Convert between improper and mixed fractions using calculations. Divide two fractions and make a link to multiplying. Add and subtract two fractions with unlike denominators. Multiply and divide mixed and improper fractions. Find any percentage of amount without a calculator. Add or subtract onto original amount, depending on increase or decrease. Be able to express a quantity as a percentage of another
Key Objectives / Learning Pathway **Developing**	Recalls and uses equivalences between simple fractions, decimals and percentages, including in different contexts. Find simple percentages of amounts (e.g. 50%, 25%, 10%)	Rewrite a division as a fraction and use equivalents to solve. Multiply decimals by decimals by use of calculations involving the same digits and then converting back. Simplify fractions. Convert between improper and mixed fractions using calculations. Divide two fractions and make a link to multiplying. Add and subtract two fractions with unlike denominators. Multiply and divide mixed and improper fractions. Find any percentage of amount without a calculator. Add or subtract onto original amount, depending on increase or decrease. Be able to express a quantity as a percentage of another	Simplify before multiplying fractions and explain why that is possible. Answering worded fractions questions. Add and subtract mixed and improper fractions with uncommon denominators. Find resulting percentage of original amount after increase/decrease. Find the percentage multiplier. Use the link between finding fractions and percentages of amounts. Use the link between decimals and percentages to find percentages of amounts by multiplying.
Key Objectives / Learning Pathway **Securing**	Rewrite a division as a fraction and use equivalents to solve. Multiply decimals by decimals by use of calculations involving the same digits and then converting back. Simplify fractions. Convert between improper and mixed fractions using calculations. Divide two fractions and make a link to multiplying. Add and subtract two	Simplify before multiplying fractions and explain why that is possible. Answering worded fractions questions. Add and subtract mixed and improper fractions with uncommon denominators. Find resulting percentage of original amount after increase/decrease. Find the percentage multiplier. Use the link between finding	Apply all four operations to fractions in context - worded questions. Understand why it is sometimes necessary to convert to improper fractions when subtracting. Use inverses to find original amount after a percentage increase or decrease.

	fractions with unlike denominators. Multiply and divide mixed and improper fractions. Find any percentage of amount without a calculator. Add or subtract onto original amount, depending on increase or decrease. Be able to express a quantity as a percentage of another	fractions and percentages of amounts. Use the link between decimals and percentages to find percentages of amounts by multiplying.	
Key Objectives / Learning Pathway Excelling	Simplify before multiplying fractions and explain why that is possible. Answering worded fractions questions. Add and subtract mixed and improper fractions with uncommon denominators. Find resulting percentage of original amount after increase/decrease. Find the percentage multiplier. Use the link between finding fractions and percentages of amounts. Use the link between decimals and percentages to find percentages of amounts by multiplying.	Apply all four operations to fractions in context - worded questions. Understand why it is sometimes necessary to convert to improper fractions when subtracting. Use inverses to find original amount after a percentage increase or decrease.	Identify if a fraction is terminating or recurring Recall some decimal and fraction equivalents (tenths, fifths, eights, thirds, quarters etc)