

# Kessingland CofE Primary Academy: Progression in Maths

	<b>EYFS</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>
<b>Addition</b>	One to one principle  Abstraction principle  Stable order principle  The cardinal Principle  Order-irrelevant principle	Combining two parts to make a whole: part whole model.  Staring at the bigger number and counting on	Column addition – -no renaming -renaming (2 digit)  Adding three single digits  Column method - renaming	Column method – renaming up to 3 digits	Column method – renaming up to 4 digits  Adding simple fractions	Column method – renaming – Decimals  Addition within 1 000 000  Adding unlike fractions	Column method for renaming.  Adding fractions – simplest form
<b>Subtraction</b>	One to one principle  Abstraction principle  Stable order principle  The cardinal Principle  Order-irrelevant principle	Taking away ones  Counting back  Find the difference  Part whole	Column subtraction - no renaming -renaming (2 digit) Counting back  Find the difference  Part whole model  Make 10	Column method with renaming – up to 3 digits	Column method – renaming up to 4 digits  Subtracting simple fractions	Column method with renaming  Subtraction within 1 000 000  Subtracting unlike fractions (incl mixed numbers)	Column method with renaming  Subtracting fractions simplest form

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	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiplication		Recognising & making equal groups  Doubling  Counting in multiples	Commutative multiplication using arrays   Multiply by 2,5 & 10	Arrays  Multiply by 2 digit numbers - regrouping  Multiply by 3,4,8	Column multiplication – 3 digits   Multiply by 6,7,9,11,12	Column multiplication  4 digit multiplied by 1 & 2 digits  Multiplying fractions by whole numbers	Column multiplication  4 digit multiplied by 2 digits  Multiplying fractions Multiply Decimals  BIDMAS
Division		Sharing objects into groups  Division as grouping  Halving	Division as grouping Divide by 2,5,10  Division within arrays linked to multiplication  Repeated subtraction	Division with remainder  2 digit division by 1 digit.	Division with remainder  3 digit division by 1 digit	Short division  4 digits division by 1 digit  Divide 3/4 digit by 2 digit	Short division  Long division 4 digits by 2 digit numbers Dividing decimals by 2 digits  Divide fractions by a whole number.

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