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|  | Bar Models are used throughout all strands within maths to ensure children confidence with the use of bar models.Bar Models are also used on a 2 weekly cycle to support with children’s confidence. |
|   | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Addition | **Combining two parts to make a whole; part part whole model****Start at the biggest number and counting on****Regrouping to make 10** | **Adding 3 single digits****Column method – no regrouping** | **Column method – regrouping** **(up to 3 digits)** | **Column method – regrouping** **(up to 4 digits)** | **Column method – regrouping****(with more than 4 digits)****(decimals with the same amount of places)** | **Column method – regrouping****(Decimals with different amounts of decimal places)** |
| Subtraction | **Take away ones****counting back****Find the difference****Part whole model****Make 10** | **Counting back****Find the difference****Part whole model****Make 10****Column method – no regrouping** | **Column method with regrouping** **(up to 3 digits)** | **Column method with regrouping** **(up to 4 digits)** | **Column method with regrouping** **(with more than 4 digits)****(Decimals with the same amount of places)** | **Column method with regrouping**  **(Decimals with the same amount of places)** |
| Multiplication | **Doubling****Counting in multiples****Arrays (with support)** | **Doubling****Counting in multiples****Repeated addition****Arrays showing commutative multiplication** | **Counting in multiples****Repeated addition****Arrays – showing commutative multiplication****Short multiplication** | **Short multiplication****(2 and 3 digit multiplied by 1 digit)** | **Short multiplication****(up to 4 digit numbers multiplied by 1 or 2 digits)** | **Short multiplication****(multi digit up to 4 digits by a 2 digit number)** |
| Division | **Sharing objects into groups****Division as grouping** | **Division as grouping****Division with arrays** | **Division with a remainder****Short division (2 digits by 1 digit concrete and pictorial)** | **Division with a remainder****Short division (up to 3 digits by 1 digit concrete and pictorial)** | **Short division****(up to 4 digits by a 1 digit number interpret remainders appropriately for the context)** | **Short division****(up to 4 digits by a 2 digit number interpret remainders as whole numbers fractions or round)** |