



Buckingham Primary Academy Calculation Overview

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition	<p>Combining two parts to make a whole; part part whole model</p> <p>Start at the biggest number and counting on</p> <p>Regrouping to make 10</p>	<p>Adding 3 single digits</p> <p>Column method - no regrouping</p>	<p>Column method - regrouping (up to 3 digits)</p>	<p>Column method - regrouping (up to 4 digits)</p>	<p>Column method - regrouping (with more than 4 digits) (decimals with the same amount of places)</p>	<p>Column method - regrouping (Decimals with different amounts of decimal places)</p>
Subtraction	<p>Take away ones counting back</p> <p>Find the difference</p> <p>Part whole model</p> <p>Make 10</p>	<p>Counting back</p> <p>Find the difference</p> <p>Part whole model</p> <p>Make 10</p> <p>Column method - no regrouping</p>	<p>Column method with regrouping (up to 3 digits)</p>	<p>Column method with regrouping (up to 4 digits)</p>	<p>Column method with regrouping (with more than 4 digits) (Decimals with the same amount of places)</p>	<p>Column method with regrouping (Decimals with the same amount of places)</p>
Multiplication	<p>Doubling</p> <p>Counting in multiples</p> <p>Arrays (with support)</p>	<p>Doubling</p> <p>Counting in multiples</p> <p>Repeated addition</p> <p>Arrays showing commutative multiplication</p>	<p>Counting in multiples</p> <p>Repeated addition</p> <p>Arrays - showing commutative multiplication</p> <p>Short multiplication</p>	<p>Short multiplication (2 and 3 digit multiplied by 1 digit)</p>	<p>Short multiplication (up to 4 digit numbers multiplied by 1 or 2 digits)</p>	<p>Short multiplication (multi digit up to 4 digits by a 2 digit number)</p>
Division	<p>Sharing objects into groups</p> <p>Division as grouping</p>	<p>Division as grouping</p> <p>Division with arrays</p>	<p>Division with a remainder</p> <p>Short division (2 digits by 1 digit concrete and pictorial)</p>	<p>Division with a remainder</p> <p>Short division (up to 3 digits by 1 digit concrete and pictorial)</p>	<p>Short division (up to 4 digits by a 1 digit number interpret remainders appropriately for the context)</p>	<p>Short division (up to 4 digits by a 2 digit number interpret remainders as whole numbers fractions or round)</p>