

KIRFS: Key Instant Recall Facts

	Number facts	Number bonds	Addition and subtraction facts	Counting	Multiplication and division facts	Mental calculations (\times \div)
Early Years	<p>Subitising</p> <p>Show me X in different representations.</p> <p>Anno's counting book.</p> <p>What's the same and what's different?</p>	<p>Number bonds within 5.</p> <p>Number bonds to 10.</p>	<p>Show me more/less than my number.</p>	<p>Counting forwards and backwards to 20.</p> <p>Counting in multiples of 2, 5 and 10 from 0.</p>		
Year 1		<p>Number bonds within 20</p>	<p>Add and subtract 1 digit and 2 digit numbers to 20 including 0.</p>	<p>Count in multiples of 2, 5 and 10 from 0.</p>	<p>Doubling numbers up to 20</p> <p>Halving even numbers up to 20.</p>	
Year 2		<p>Number bonds within 100</p>	<p>Add and subtract:</p> <ul style="list-style-type: none"> - a 2 digit number and ones. - a 2 digit number and tens - two 2 digit numbers - three 1 digit numbers 	<p>Count in steps of 2, 3 and 5 from 0, forwards and backwards.</p> <p>Count in steps of 10 from any number, forwards and backwards.</p>	<p>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p>	

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Year 3		Number bonds within 1000 e.g. $432 + ? = 500$	Add and subtract: - a 3 digit number and ones. - a 3 digit number and tens - a 3 digit number and hundreds	Count from 0 in multiples of 4, 8, 50 and 100.	Recall and use multiplication and division facts for the 3, 4 and 8 times tables.	
Year 4		Numbers bonds within 1 (1 and 2 d.p)	Add and subtract: - a 4 digit number and ones. - a 4 digit number and tens - a 4 digit number and hundreds - a 4 digit number and thousands	Count in multiples of 6, 7, 9, 25 and 1000 from 0. Count in steps of 1000 from any number, forwards and backwards.	Recall multiplication and division facts for multiplication tables up to 12×12 .	Multiply and divide numbers by 10 and 100 including decimals. Multiply 3 one digit numbers together.
Year 5			Add and subtract: - a 5 digit number and ones. - a 5 digit number and tens - a 5 digit number and hundreds - a 5 digit number and thousands	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.	Recall square numbers.	Multiply and divide numbers by 10, 100 and 1000 including decimals.
Year 6			Perform mental calculations, including with mixed operations and large numbers.			