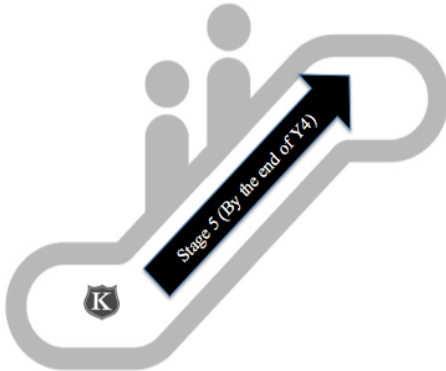
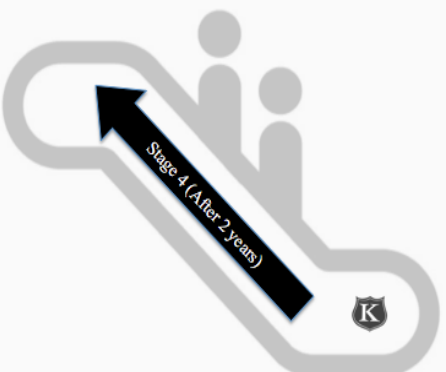
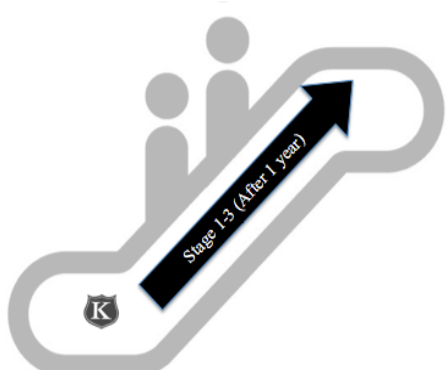




KNS BASIC FACTS ESCALATOR



	Basic Facts		Resources
Stage 8 – By the end of Year 8	<p>Basic Facts</p> <p>Highest common factor Least common multiples Wide range of divisibility rules Rounding decimals to nearest $1/10^{\text{th}}$, $1/100^{\text{th}}$, $1/1000^{\text{th}}$. Dividing numbers (decimals) by 10, 100, 1000. (Powers of 10) Multiplying numbers (decimals) by 10, 100, 1000. (Powers of 10) Exponents (upto power of 3) of 1-10 Improper fraction to percentage conversion. Mixed number to improper fraction</p>		<p>Common factors of numbers to 100, and divisibility rules for 2, 3, 4, 5, 8 and 10.</p> <p>Calculator Factors Divisibility Rules ✕</p> <p>Multiples Cover Up ✕ Divisibility Game ✕</p> <p>Factors Cover Up ✕</p> <p>Fraction, decimal, percentage conversions for halves, thirds, quarters, fifths and tenths.</p> <p>30% Off Sale Converting Fractions Decimals And Percentages (online) Common Factor Challenge Common Multiple Challenge ✕</p> <p>Fraction Decimal Percentage Match Ups ✕ Fractions, Decimals and Percentages ✕</p> <p>Dominoes ✕</p>
Stage 7 – By the end of Year 7	<p>Divide by 6/7/8/4 Difficult doubles Difficult halves Adding 10s within 1000 Adding 10s within 1000 (with missing numbers) Subtracting 10s within 1000 (with missing numbers) Division (unknown divisor) Fraction to % conversion Write the fraction for ... Squares (1-12, 100) Square roots (Less than 144, 10000) Listing factors Common factors Common multiples</p>		<p>The square numbers to 100 and their square roots.</p> <p>Square Roots ✕</p> <p>The multiplication and division facts.</p> <p>Division Basic Facts ✕ Division Bingo ✕ Division Loopy ✕ Division Puzzle ✕ Division Game ✕</p> <p>Match Multiplication and Division Facts ✕ More Divisibility Rules ✕</p>
Stage 6 – By the end of Year 6	<p>Subtracting from 100 Adding to make 100 Dividing by 3 – Divisibility rules Dividing by 9 - Divisibility rules 6x tables 7x tables 8x tables 4x tables 3x tables 9x tables Subtracting from 20 with missing numbers. Subtracting within 20</p>		<p>Multiplication basic facts with tens, hundreds and thousands.</p> <p>Tens Hundreds Thousands ✕ Multiplying by 10, 100 and 1000 ✕</p> <p>Fraction and decimal groupings that make 1.</p> <p>Make One With Decimals Make One With Fractions Calculator Challenge</p> <p>To recall multiplication basic facts.</p> <p>Times Tables Practice ✕ Multiplication Bingo ✕ Multiplication Loopy ✕ Multiplication Puzzle ✕</p> <p>The addition and subtraction facts to 20.</p> <p>Addition Facts To 20 ✕ Subtraction Facts To 20 ✕ Subtraction Puzzle ✕ Subtraction Basic Facts ✕</p>

	Basic Facts		NZ Maths Resources
Stage 5 – By the end of Year 4	<p>Halves of 10s up to 100 Adding doubles to 100 with 10s and 5s Subtracting within 100 using 5s Adding up to 100 using 5s Divided by 2 Divided by 5 Divided by 10 2x tables 5x tables 10x tables Adding with missing numbers up to 20 Adding up to 20 Multiples of 100 (up to 1000)</p>		<p>The basic multiplication and division facts to 10 x 10.</p> <p>Add and Multiply I Spy - Multiplication Halves of 'ty' Numbers Halves of Hundreds Numbers Baking Biscuits</p> <p>Adding Multiples of 100 ✕ Four in a Row Multiplication</p> <p>The basic addition and subtraction facts up to 20.</p> <p>I Spy - Addition License Plates 2 Four in a row Addition</p> <p>Addition Bingo ✕ Addition Loopy ✕ Addition Puzzle ✕ Addition to 20 - Test Yourself ✕ Addition and Subtraction Quick Recall ✕ Subtraction Loopy ✕ Subtraction to 20 - Test Yourself ✕ Addition Basic Facts Subtraction Bingo ✕</p> <p>Addition and subtraction beyond 10 + 10. Pairs To One Hundred Tens Facts Make One Thousand Challenge Domino Pairs to 100</p>
Stage 4 – After Two years	<p>Subtracting 10s within 100 Adding 10s within 100 Adding and subtracting within 100 (with missing numbers) Halves within 20 Adding doubles to 20 Subtracting with missing numbers within 10 Subtracting from within 10 Adding with 10 Adding with missing numbers up to 10 Adding up to 10</p>		<p>The basic addition and subtraction facts to 10 + 10.</p> <p>Doubles And Halves Snap Memory Doubles Save The Whale (online)</p> <p>Add the Dice ✕ Addition and Subtraction to 10 - Quick Recall ✕ Rock, Scissors, Paper Subtraction Facts to 10</p> <p>The multiples of 10 that add to 100.</p> <p>10s Pairs To 100 ✕ Adding Multiples of 10</p>
Stage 1-3 – After One year	<p>Adding Doubles to 10 Adding 5 Adding and Subtracting within 5 Adding 1 (Numbers to 10) Adding 0 Tens Frames Number bonds to 10 Dice Patterns Fives Frames Number bonds to 5 Numerals to 10 Numerals to 5</p>		<p>Groupings to 10 and the decade facts.</p> <p>Bean Addition Skittles Facts To 5 - Flash Cards, Memory Facts To 10 - Flash Cards, Memory Make 5 Make 10</p> <p>Under The Box ✕ Using Fingers Test The Toad (online)</p> <p>5 Plus ✕ Groupings to 10 ✕ Pairs to 10 ✕ Doubles To 10 ✕</p>