

Maths Assessment

Band 2

	B	JA	SA	A
<u>Number and Place Value</u>				
count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward				
order objects and numbers				
recognise the place value of each digit in a two-digit number (tens, ones)				
identify, represent and estimate numbers using different representations, including the number line				
compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs				
read and write numbers to at least 100 in numerals and in words (including in expanded form)				
partition numbers to 100				
use place value and number facts to solve problems				
<u>Addition and Subtraction</u>	B	JA	SA	A
add and subtract 1s and 10s				
solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures				

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solve problems with addition and subtraction applying his/her increasing knowledge of mental and written methods. Compare number sentences.				
solve missing number problems				
recall and use addition and subtraction facts to 10 and 20 fluently (number bonds), and derive and use related facts up to 100 (fact families)				
add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones				
add two 2 digit numbers (not across a 10)				
add two 2 digit numbers (across a 10)				
subtract two 2 digit numbers (not across a 10)				
subtract two 2 digit numbers (across a 10)				
show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot				
recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems				
add three 1 digit numbers				
add by making 10, to the next 10 and across 10				
subtract from a 10, subtract a 1 digit number from a 2 digit number (and across 10)				

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<u>Multiplication and Division</u>	B	JA	SA	A
recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers				
calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs				
show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot				
solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts				
<u>Fractions</u>	B	JA	SA	A
make equal parts				
recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity				
write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$				
<u>Measurement</u>	B	JA	SA	A

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choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temp. (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels				
compare and order lengths, mass, volume/capacity and record the results using >, < and =				
recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value				
find different combinations of coins that equal the same amounts of money				
solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change				
compare and sequence intervals of time				
tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times				
remember the number of minutes in an hour and the number of hours in a day				
<u>Properties of Shape</u>	B	JA	SA	A
identify and describe the properties of 2-D shapes, including the number				

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of sides and line symmetry in a vertical line				
identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces				
identify 2-D shapes on the surface of 3-D shapes e.g. a circle on a cylinder and a triangle on a pyramid				
compare and sort common 2-D and 3-D shapes and everyday objects				
<u>Position and Direction</u>	B	JA	SA	A
order and arrange combinations of mathematical objects in patterns and sequences				
use math. vocab.to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for 1/4, 1/2 and 3/4 turns (clockwise & anti-clockwise)				
<u>Statistics</u>	B	JA	SA	A
interpret and construct simple pictograms, tally charts, block diagrams and simple tables				
ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity				
ask and answer questions about totalling and comparing categorical data				