Sense of Number Visual Calculation Policy **Basic Edition for** Naburn C.E. Primary School January 2017 Graphic Design by Dave Godfrey Compiled by the Sense of Number Maths Team For sole use within Naburn C.E. Primary School. **'A picture is worth 1000 words!'** www.senseofnumber.co.uk aburn C.E. Primary School Naburn C.E. Primary School VCP Basic Edition © Sense of Number 2016 For sole use by purchasing school. Bespoke Graphic Design by Dave Godfrey - www.senseofnumber.co.uk

Guide to using a Visual Calculation Policy

The Sense of Number Visual Calculation Policy provides a visual representation of a school's written and mental calculation policy.

Typical uses:

Classoom: The slides are printed out (e.g. A4) and the appropriate slides are displayed within each classroom for continual reference or on a working wall.

Teacher Reference: The slides are printed out (e.g. 9 slides per A4 page) and inserted in the teacher's planning folder.

Parents: The slides are used to communicate to parents the methods being taught and used within school.

Website: Slides from the VCP are inserted on a schools' maths

webpages.

(Please note: the VCP should not be made available for download)













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Do I need an expanded or a standard method?)

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A6: Partition Jot 2

43 + 24 = 67**60 - 7**





A7: Partition Jot 3

47 + 26 = 7360 + 13















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S9: Column Subtraction















M5: Grid Method 1 Short Multiplication $15 \times 5 = 75$



50 + 25 = 75





M6: Grid Method 2 **Short Multiplication** $147 \times 4 = 58$ 400





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50





N8: Colum Multiplication





M9: Grid Method Long Multiplication





MM1: Jump!

THHTU.-100



x1000

 \mathbf{X}

XO





"If I share 6 into 2 equal amounts, how many in each group?" Answer: 3

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"How many groups of 2 can I make out of 6? Answer: 3







D4: Division as Grouping

$12 \div 2 = 6$

"How many groups of 2 can I fit into 12?" Answer: 6



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D8: Short Division $136 \div 4 = 34$ 4)136

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