

DRAFT Number Sense Measure for Students in Primary School: Recording Sheet

Referenced to Mathematics K-6 Syllabus, Number Knowledge Test and Number Sense Screening

Knowledge and Skills	ES1 (Kindergarten)	S1 (Year 1)	S1 (Year 2)	S2+ (Year 3+)		
<i>Counting</i>	<u>Counting 1:1, 1-20</u>					
	<u>Counting forward: 1-30</u> 1. 1... 2. 6...	<u>Counting on: 0-99</u> 36...	<u>Counting on: 0-999</u> 192...	<u>Counting on: 0-9999</u> 3990...		
	<u>Counting back: 1-20</u> 20...	<u>Counting back: 0-99</u> 94...	<u>Counting back: 0-999</u> 406...	<u>Counting back: 0-9999</u> 5005...		
		<u>Counting by 10s: 0-99</u> 1. 10... 2. 90... 3. 7... 4. 83...	<u>Skip counting: 0-99</u> 1. 2... 2. 36... 3. 5... 4. 40...	<u>Counting by 10s: 0-999</u> 1. 670... 2. 430... 3. 542... 4. 320...	<u>Skip counting: 0-999</u> 1. 194... 2. 194... 3. 475... 4. 320...	<u>Counting by 10s: 0-9999</u> 1. 1270... 2. 4000... 3. 7777... 4. 943... <u>Counting by 100s: 0-9999</u> 1. 3600... 2. 3600... 3. 5550... 4. 4350...

Knowledge and Skills	ES1 (Kindergarten)	S1 (Year 1)	S1 (Year 2)	S2+ (Year 3+)
DRAFT	<u>Number after: 1-30</u> Next after 7:	<u>A given number after: 2 digits</u> 5 numbers after 49:		
	<u>2 numbers after: 1-30</u> 2 numbers after 7:	<u>A given number before: 2 digits</u> 4 numbers before 60:		
	<u>Ordering: 1-20</u> 1. 8 5 2 6 2. Last: 3. First:	<u>Ordering: 0-99</u> 69 14 63 41	<u>Ordering: 0-999</u> 205 79 180 118	<u>Ordering: 0-9999</u> 1896 4677 993 4060
	<u>Comparison: 1-20</u> 1. Bigger: 7 or 9 2. Smaller: 8 or 6	<u>Comparison: 0-99</u> 1. Bigger: 51 or 39 2. Smaller: 27 or 32		
	<u>Comparison: 1-20</u> Closer to 5: 6 or 3	<u>Comparison: 0-99</u> 1. Closer to 21: 25 or 18 2. Numbers between 12 and 16:		

Knowledge and Skills	ES1 (Kindergarten)	S1 (Year 1)	S1 (Year 2)	S2+ (Year 3+)
Reads and represents numbers	<u>Reads numbers to 20</u> 9 15 0	<u>Reads numbers to 99</u> 40 71 13	<u>Reads numbers to 999</u> 630 215 408	<u>Reads numbers to 9999</u> 9382 5040 7101
	<u>Writes numbers to 20</u> 6 13 20	<u>Writes numbers to 99</u> 60 89 17	<u>Writes numbers to 999</u> 428 310 507	<u>Writes numbers to 9999</u> 2155 1070 4006
Place Value	<u>Place value: 1-20</u>	<u>Place value: 2-digit numbers</u> 1. 2.	<u>Place value: 3-digit numbers</u>	<u>Place value: 4-digits</u> 4 2 0 6
Language	<i>The number 5:</i>	<i>1. Number pattern:</i> <i>2. Numeral:</i> <i>3. The number 46:</i>		<i>1. Number pattern:</i> <i>2. Numeral:</i> <i>3. The number 250:</i>
Addition & Subtraction DRAFT	<u>Addition to 20</u> Note answer and method used	<u>Addition</u> Note answer and method used		<u>Addition</u> 1. Note answer and method used 2. Note answer and method used
	<u>Subtraction: 1 - 20</u> Note answer and method used	<u>Subtraction</u> Note answer and method used		<u>Subtraction</u> Note answer and method used
<u>Additional notes</u>				

