

Number and Place Value Progression at Pike Fold 2020

Strand	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
NPV	<p><b>1NPV-1</b> Count within 100, forwards and backwards, starting with any number.</p>		<p><b>3NPV-1</b> Know that 10 tens are equivalent to 1 hundred, and that 100 is 10 times the size of 10; apply this to identify and work out how many 10s there are in other three-digit multiples of 10.</p>	<p><b>4NPV-1</b> Know that 10 hundreds are equivalent to 1 thousand, and that 1,000 is 10 times the size of 100; apply this to identify and work out how many 100s there are in other four-digit multiples of 100.</p>	<p><b>5NPV-1</b> Know that 10 tenths are equivalent to 1 one, and that 1 is 10 times the size of 0.1. Know that 100 hundredths are equivalent to 1 one, and that 1 is 100 times the size of 0.01. Know that 10 hundredths are equivalent to 1 tenth, and that 0.1 is 10 times the size of 0.01.</p>	<p><b>6NPV-1</b> Understand the relationship between powers of 10 from 1 hundredth to 10 million, and use this to make a given number 10, 100, 1,000, 1 tenth, 1 hundredth or 1 thousandth times the size (multiply and divide by 10, 100 and 1,000).</p>
		<p><b>2NPV-1</b> Recognise the place value of each digit in two-digit numbers, and compose and decompose two-digit numbers using standard and non-standard partitioning.</p>	<p><b>3NPV-2</b> Recognise the place value of each digit in <i>three</i>-digit numbers, and compose and decompose <i>three</i>-digit numbers using standard and non-standard partitioning.</p>	<p><b>4NPV-2</b> Recognise the place value of each digit in <i>four</i>-digit numbers, and compose and decompose <i>four</i>-digit numbers using standard and non-standard partitioning.</p>	<p><b>5NPV-2</b> Recognise the place value of each digit in numbers with up to 2 decimal places, and compose and decompose numbers with up to 2 decimal places using standard and non-standard partitioning.</p>	<p><b>6NPV-2</b> Recognise the place value of each digit in numbers up to 10 million, including decimal fractions, and compose and decompose numbers up to 10 million using standard and non-standard partitioning.</p>
	<p><b>1NPV-2</b> Reason about the location of numbers to 20 within the linear number system, including comparing using &lt; &gt; and =</p>	<p><b>2NPV-2</b> Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10.</p>	<p><b>3NPV-3</b> Reason about the location of any <i>three</i>-digit number in the linear number system, including identifying the previous and next multiple of 100 and 10.</p>	<p><b>4NPV-3</b> Reason about the location of any <i>four</i>-digit number in the linear number system, including identifying the previous and next multiple of 1,000 and 100, and rounding to the nearest of each.</p>	<p><b>5NPV-3</b> Reason about the location of any number with up to 2 decimals places in the linear number system, including identifying the previous and next multiple of 1 and 0.1 and rounding to the nearest of each.</p>	<p><b>6NPV-3</b> Reason about the location of any number up to 10 million, including decimal fractions, in the linear number system, and round numbers, as appropriate, including in contexts.</p>

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NPV			<p><b>3NPV-4</b> Divide 100 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100 with 2, 4, 5 and 10 equal parts.</p> <p style="text-align: right;">→</p>	<p><b>4NPV-4</b> Divide 1,000 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 1,000 with 2, 4, 5 and 10 equal parts.</p> <p style="text-align: right;">→</p>	<p><b>5NPV-4</b> Divide 1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in units of 1 with 2, 4, 5 and 10 equal parts.</p> <p style="text-align: right;">→</p>	<p><b>6NPV-4</b> Divide powers of 10, from 1 hundredth to 10 million, into 2, 4, 5 and 10 equal parts, and read scales/number lines with labelled intervals divided into 2, 4, 5 and 10 equal parts.</p>
					<p><b>5NPV-5</b> Convert between units of measure, including using common decimals and fractions.</p>	