



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 4      COURSE NAME: Math**

**MEASUREMENT TOPIC: Generalize Place Value Understanding of Multi-Digit Whole Numbers**

<b>4</b>	<p>In addition to Score 3, the student makes in-depth inferences and applications.</p> <ul style="list-style-type: none"><li>• Solve a word problem by identifying and correcting errors involving place value in a multi digit number.</li></ul>
<b>3</b>	<ul style="list-style-type: none"><li>• Use models and quantitative reasoning, to explain that in a multi-digit number, a digit in any place represents 10 times the amount of the digit to the right.</li><li>• Use place value understanding to compare two multi-digit numbers using <math>&gt;</math>, <math>=</math>, and <math>&lt;</math> symbols.</li></ul>
<b>2</b>	<ul style="list-style-type: none"><li>• Read and write multi-digit whole numbers using (decompose and compose):<ul style="list-style-type: none"><li>• expanded form</li><li>• standard form</li><li>• word form</li></ul></li><li>• Understand the relative size or value of numbers in each place.</li></ul>

**1**

With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.

**Key Vocabulary:** place value, value, standard form, word form, expanded form, period (a period becomes a decimal in math in 4th grade), estimate, round