



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 3rd grade COURSE NAME: Math**  
**MEASUREMENT TOPIC: Understand and Relate Area to Multiplication and Division**

<b>4</b>	In addition to Score 3, the student makes in-depth inferences and applications. <b>The student can:</b> <ul style="list-style-type: none"><li>• Solve multi-step word problems using area.</li></ul>
<b>3</b>	<b>The student can:</b> <ul style="list-style-type: none"><li>• Decompose larger rectangles into smaller rectangles to find the area using concrete materials.</li><li>• Relate area to multiplication using:<ul style="list-style-type: none"><li>• real-world problems</li><li>• concrete materials</li><li>• mathematical reasoning</li><li>• distributive property</li></ul></li></ul>
<b>2</b>	<b>The student can:</b> <ul style="list-style-type: none"><li>• Determine the area by counting unit squares.</li><li>• Find the area of a rectangle by tiling with same-size unit squares with no gaps or overlaps and counting unit squares.</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:** plane figure, rectangle, area, unit squares, distributive property, decompose, justify, measuring, length, covering, gap, overlap, non overlapping, tiling, length, width, rectilinear, area model