



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 3rd grade COURSE NAME: Math**  
**MEASUREMENT TOPIC: Understand the Relationship of Multiplication and Division**

**4**

In addition to Score 3, the student makes in-depth inferences and applications.

**The student can:**

- Analyze a problem and defend response by showing how to solve the problem.

**3**

**The student can:**

- Develop and apply properties of operations as strategies to multiply and divide.
- Use the relationship between multiplication and division as an equation with an unknown factor.

**2**

**The student can:**

- Apply properties of addition.
- Use addition strategies to solve multiplication facts
- Decompose a number.

**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:** Unknown factor, Operation, properties, strategies, equation, decompose, rows, columns, multiplication, division, expression, product, sum, array, area model, factors