



Oxford City Schools

Proficiency Scale

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**GRADE LEVEL: 7TH COURSE NAME: ACCELERATED MATH
MEASUREMENT TOPIC: ANALYZE AND MAKE PREDICTIONS ABOUT REAL-WORLD
SITUATIONS USING LINEAR EQUATIONS**

4

- Graph two-variable equations on coordinate axes with labels and scales and use them to make predictions.

3

- Determine whether linear equations in one variable have one solution, no solution, or infinitely many solutions.
- **Solve problems by comparing proportional and nonproportional linear relationships represented in different ways (algebraically, graphically, numerically in tables, or by verbal descriptions).**

2

- Derive linear equations in slope-intercept form from a given graph.
- Graph a linear relationship by interpreting the equation $y = mx + b$.
- Identify a graph of a proportional relationship.

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: