



Oxford City Schools

# Proficiency Scale

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**GRADE LEVEL: 8      COURSE NAME: ACCELERATED MATH**  
**MEASUREMENT TOPIC: ANALYZE QUADRATIC FUNCTIONS**

**4**

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

**3**

- **Solve problems represented by a quadratic relationship.**
- **Describe the effect of transformations of quadratic graphs.**
- Sketch quadratic graphs showing key features.

**2**

- Produce an equivalent form of a quadratic expression.
- Identify key features of graphs and tables that represent quadratic functions.
- Determine whether a function represents a quadratic 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:**