



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 11

COURSE NAME: Precalculus

MEASUREMENT TOPIC: Create Models of Vector Quantities and Parametric Equations

4

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

3

The student will:

- Solve problems including velocity and other quantities that can be represented by parametric equations.
- **Solve problems including velocity and other quantities that can be represented by vectors.**

2

The student will:

- Convert between rectangular and parametric form.
- Determine the components of a vector.
- Add, Subtract, and multiply vectors.
- Determine if a quantity is a vector.

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: