



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 12 COURSE NAME: AP Calculus
MEASUREMENT TOPIC: Solve Differential Equations

4

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

3

The student will:

- **Interpret the meaning of a differential equation and its variables in context.**
- **Determine general and particular solutions to differential equations**
- **Interpret slope fields.**

2

The student will:

- **Sketch slope fields.**
- **Verify solutions to differential equations.**
- **Interpret verbal statements of problems as differential equations involving a derivative expression.**

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: