



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 11 COURSE NAME: Physics
MEASUREMENT TOPIC: Describe One Dimensional Motion

4

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

3

The student can:

- Analyze graphs measuring different variables.
- Solve problems using kinematic equations.
- **Analyze free fall motion to determine acceleration due to gravity.**

2

The student can:

- Construct motion graphs.
- Communicate changes in motion involving speed, velocity, and acceleration.
- Use frame of reference to describe positional changes.

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: speed, velocity, acceleration, graph, kinematics, motion, position, time