Grade Level:3rd Grade
Course Name:Science

Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 3rd Grade COURSE NAME:Science
MEASUREMENT TOPIC: Motion and Stability: Describe Forces and their Interactions

4	In addition to Score 3.0, make in-depth inferences and applications. ☐ **Students may evaluate the solution of another student to assess whether it would solve the problem**
3	☐ **Explain the effects of balanced and unbalanced forces.** ☐ **Solve a problem about magnetic observations using the Engineering Design Process**
2	☐ **Determine cause and effect relationships between objects not in contact with one another.** ☐ **Observe to measure an object's motion to provide evidence that a pattern of motion can be used to predict future motion.** ☐ **Conduct investigation to describe balanced and unbalanced forces.**
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: variable, force (push and pull), balanced forces, unbalanced forces, position, friction, electrical interactions, cause and effect

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