



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 3rd grade COURSE NAME: Science
MEASUREMENT TOPIC: Describe Forces and their Interactions

4	In addition to Score 3, the student makes in-depth inferences and applications. The student can: <ul style="list-style-type: none">• evaluate the solution of another student to assess whether it would solve the problem. (Find an error analysis)
3	The student can: <ul style="list-style-type: none">• Explain the effects of balanced and unbalanced forces. (1)• Solve a problem about magnetic observations using the Engineering Design Process. (4)
2	The student can: <ul style="list-style-type: none">• Determine cause and effect relationships between objects not in contact with one another. (3)• Observe to measure an object's motion to provide evidence that a pattern of motion can be used to predict future motion.(2)• Conduct investigation to describe balanced and unbalanced forces.(3)

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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