Grade Level:4th Grade
Course Name:Science

Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 4th Grade COURSE NAME: Science
MEASUREMENT TOPIC: Explain Energy Transfer

4	In addition to Score 3.0, make in-depth inferences and applications.
3	☐ Design, construct, and test a device that changes energy from one form to another. ☐ Construct an explanation with evidence supporting the claim that different objects can absorb, reflect, and/or conduct energy. ☐ Plan and carry out investigations to answer questions regarding changes in energy when objects collide, and predict reasonable outcomes based on observed patterns.
2	☐ Design, construct, and test a device that changes energy from one form to another. ☐ Construct an explanation with evidence supporting the claim that different objects can absorb, reflect and/or conduct energy. ☐ Plan and carry out an investigation to answer questions regarding changes into energy when objects collide, and predict reasonable outcomes baked on observed patterns
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:collision, absorb, converting

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