



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 10-12 COURSE NAME: Physical Science
MEASUREMENT TOPIC: Verify the Conservation of Matter

4	In addition to Score 3, the student makes in-depth inferences and applications.
3	The student can: <ul style="list-style-type: none">• Utilize multiple types of models to validate the claim that matter is conserved during a simple chemical reaction by:<ul style="list-style-type: none">• balancing chemical equations• illustrating particle diagrams• investigating chemical reaction
2	The student can: <ul style="list-style-type: none">• Balance chemical equations to prove conservation of matter.• Calculate the molar mass of chemical compounds.
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: