



Oxford City Schools

Proficiency Scale

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**GRADE LEVEL: 7TH COURSE NAME: ACCELERATED MATH
MEASUREMENT TOPIC: APPLY CONCEPTS OF RATIONAL & INTEGER EXPONENTS**

4	<ul style="list-style-type: none">• In addition to Score 3.0, make in-depth inferences and applications.
3	<ul style="list-style-type: none">• Choose units of appropriate size for measurements of very large or very small quantities.• Interpret scientific notation that has been generated by technology.• Perform operations with numbers expressed in scientific notation, including problems where both decimal and scientific notation are used, expressing answers in scientific notation.
2	<ul style="list-style-type: none">• Express and compare very large or very small numbers in scientific notation.• Apply exponent properties to rewrite or simplify expressions with zero and negative integer exponents.• Apply exponent properties to rewrite or simplify expressions with positive integer exponents.

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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: