



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 10/11 COURSE NAME: IB Chemistry
MEASUREMENT TOPIC: Construct Explanations of Chemical Changes

4	In addition to Score 3, the student makes in-depth inferences and applications.
3	The student will: <ul style="list-style-type: none">● Explain the effects of changing conditions on reaction rates● Predict the effects of changing conditions on reaction rates
2	The student will: <ul style="list-style-type: none">● Explain relationships between kinetic energy of particles & collision geometry.● Construct Maxwell–Boltzmann energy distribution curves to explain the effects reactions rates.● Calculate reaction rates.
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: