



Oxford City Schools

Proficiency Scale

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GRADE LEVEL: 10/11 COURSE NAME: IB Chemistry
MEASUREMENT TOPIC: Use Stoichiometry to Quantify Matter

4

In addition to Score 3, the student makes in-depth inferences and applications.

3

The student will:

- **Explain the relationships between**
 - the number of particles
 - the amount of substance in moles
 - the mass in grams
- **Calculate stoichiometric equations of solids, liquids and gasses**

2

The student will:

- **Use stoichiometry to solve for mole concepts.**
- **Demonstrate the relationships of stoichiometric units.**

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: