 Judson International School

**Chemistry**

**Course Description**: This class explores the fundamental principles of chemistry, which characterize the properties of matter and how it reacts. Topics include, but are not limited to: measurement, atomic structure, electron configuration, the periodic table bonding, gas laws, properties of liquids and solids, solutions, stoichiometry, reactions, kinetics, equilibrium, acids and bases, and nuclear chemistry . Chemistry labs are used used to obtain, organize and analyze data. Conclusions are developed using both qualitative and quantitative procedures.

**Text:**

*Chemistry , a Natural Approach* – Lab-Aids, 2010

Introduction to Chemistry;

**Evaluations:**  Course grades will be based on labs, homework, quizzes and tests.

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