**Pre IB Chemistry Syllabus**

**Instructor Information:**

Name: Karen Loweke

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Tutoring Hours: M, W, Th (2:00 -2:45) (Please check with teacher in case of conflicts)

**Course Description**:

Pre IB Chemistry is a rigorous introductory-level chemistry course. This fast paced course will cover introductory topics necessary for advancement to IB/AP Chemistry. Topics will include matter and measurement, atomic structure, periodic trends, chemical bonding, formulas and moles, stoichiometry and reactions, states of matter, solutions, acid/base, and redox reactions. These topics will be covered via lecture and lab activities.

**Required Materials:**

Spiral Notebook (dedicated solely to this class)

Folder or 3 ring binder

Loose leaf paper

Pens (blue or black) and/or pencils

Scientific calculator (graphing calculators will NOT be allowed on tests/quizzes)

**Grading Policy:**

Nine week grades will be calculated on a total point basis. Daily objectives/work and upcoming assignments are posted on the board. This course will have semester exams whose percentage value will be released upon school board determination.

Assignment values are as follows:

*Tests:* 200 points (Tests are usually given after each unit and may include prior material. Tests are multiple choice and free response. Approximately 3 or 4 tests per nine weeks can be expected)

*Homework/Classwork:* 10 points per assignment. (Homework will require approximately 1-2 hours per week. This is a fast paced course and you are expected to keep up with the assigned problems and notes. Homework will be checked at the beginning of class.)

*Laboratory Experiments:* 25 points

*Quizzes:* 25 points (Quizzes will be given at the beginning of class and will be announced in advance. Quizzes will cover current content and be similar to homework/ example problems. Approximately 6-7 quizzes per nine weeks)

*No*t*ebooks:* 50 points (will be collected twice per nine weeks)

**Academic Honesty:**

All students are expected to be honest and follow the standards of the IB program.

**Make Up Work:**

Students who are absent are expected to complete their make-up assignments within two days of the absence. Make up work will be in the make-up tray on my desk. It is your responsibility to ensure make up work is completed in a timely manner. Any assignment due on the day of an absence is due upon your return to class. Tests/quizzes will be made up during class time upon your return to class. Missed labs will either be made up after school or excused at the teacher’s discretion.

**Late Work:**

You will be given one pass for a late homework per nine weeks. The late homework will be accepted one day late (if an A day, you must turn it in on the B day). Other late assignments will not be accepted.

**Class Expectations:**

You are expected to behave in a responsible manner. Please be respectful of others and their belongings. Be on time, prepared for class with all necessary materials. Usage of electronic devices is not allowed in the classroom. You will be asked to put these items away during class time in your backpack at the back of the room. The possession of an electronic device during a test or quiz will result in the issuance of a zero grade with no make-up. Please keep classroom distractions to a minimum—remain in your seat, remain quiet while others are speaking, limit bathroom breaks to between classes. You will be given 4 passes per nine weeks. Failure to follow these expectations will result in a warning, parent contact, or referral. The code of conduct will be followed.

**Additional Help:**

Pre IB chemistry is a fast paced course. If you are struggling, please seek immediate help. I am available for tutoring Monday, Wednesday andThursday after school as well as before school Monday through Friday. Please check with me to ensure there is no other conflict on that day. Study daily. Do additional problems beyond those assigned. Make sure you work sample problems during your study time and rework any missed problems. I am also available via email if you encounter problems on homework.

**Course Calendar:**

1st Nine Weeks:

Introduction to Matter and Measurement

Atomic Structure

Periodic Trends

2nd Nine Weeks:

Chemical Bonding

Moles and Formulas

Chemical Reactions

3rd Nine Weeks:

Stoichiometry

Thermochemistry

States of Matter

Gas Laws

4th Nine Weeks:

Solutions

Acids and Bases

Redox

Nuclear Chemistry