



**Crocus Plains
Course Outline
CHE 30S**



Course Title: Sr 3 Chemistry

Mrs. J Pratt

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General Learning Outcomes: General Learning Outcomes

- develop an understanding of the interconnecting ideas and principles that transcend and unify the natural science disciplines;
- attain the level of scientific awareness essential for all citizens in a scientifically literate society;
- make informed decisions about further studies and careers in science;
- develop scientific attitudes, and develop positive attitudes towards science;
- develop an understanding and appreciation of the effect technology has on advancements in science and the resulting effects on society.

Units of Study: Units of Study

ATOMIC STRUCTURE:

drawing atoms
ion formation
types of bonding
writing formulas
periodic table
famous chemists

CHEMICAL EQUATIONS:

classify and balance equations
mole calculations
Stoichiometry

SOLUBILITY:

types of solutions
factors affecting solubility
concentration and precipitation

PROPERTIES OF MATTER:

chemical/physical properties
states of matter
changes of state
vapor pressure
kinetic molecular model

GAS LAWS:

Boyle's Law
Charles' Law
Gay-Lussac's Law
Ideal Gas Law
Combined Gas Law

ORGANIC CHEMISTRY:

aliphatic hydrocarbons
aromatic hydrocarbons



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Evaluation Format;

Evaluation:

MARKS - TERM WORK 80% EXAM 20%

An unexcused absence on test day will result in a mark of 0 on that test.

If you are legitimately absent on the day of the test, the test **MUST** be written on the **FIRST** day back.

If the absence is excused, the office must be notified within 48 hours.

