**Chemistry**

Ms. Assunta C. Burnside

Rm 135, Branch Academy

Conference: M/W 8:00-9:20 am, T/TH 1:00-2:20 pm

Content Support: M 4:00-5:00 pm, other times as needed

Phone: (361)878-4780, Cell: (361)239-8029

Email: [asburnside@ccisd.us](mailto:asburnside@ccisd.us)

**Must do’s:**

* **Remind:**<https://remind.com/join/aburnsi>
  + **Associates and/or parents must: text @aburnsi to the number 81010**
* **Canvas**: [https://corpuschristiisd.instructure.com/login](https://corpuschristiisd.instructure.com/login/ldap)
* **Sapling Online Textbook:**[Sapling Learning User Guide - Associates.pdf](https://corpuschristiisd.instructure.com/courses/881/files/144071/download?download_frd=1)

**Course Description:** This chemistry course provides opportunities for the capable and highly motivated student.  It includes an in-depth study of the principles of chemistry, including: the study of metals, nonmetals, compounds, chemical formulas and equations, stoichiometry, gas laws, atomic structure, chemical bonding, periodic properties and trends.  This course incorporates inquiry techniques, problem solving, and critical thinking.  Students will use laboratory observations, hypothesizing, experimenting, and interpreting data through graphic presentations and statistical evaluations.

**Required Materials:**

BYOD (Bring your own device), writing instruments, composition or spiral notebook, graphing calculator (optional)

Required Text: *HS Dynamic Chemistry for Texas by Sapling Learning (e-book)*

**Grading Criteria:**

**Major Grades: 60%**

Labs/Projects/Exams/Finals

**Minor Grades:** **40%**

Homework/Class Participation/Daily Work/Quizzes

**Grading Range:**

**90-100          A      Exceeds Standards**

**80-89            B      Meets Standards**

**70-79            C      Approaching Standards**

**Below 70      F      Does Not Meet Standards**

**Tutoring/Content Support:** Tutoring will be offered in my class as needed before and after school. It will also be available on Mondays from 4:00 – 5:00 in Rm 117. Chemistry is a course that builds on prior knowledge.  It is imperative that all assignments be done to the best of the associate’s abilities.  If the work is challenging and you feel as if you will need help, please ask for help prior to the due date to avoid low grades on assignments.  If an assignment is turned in past the due date, that assignment will receive a grade that has accrued a penalty.

**Expectations:**

1. All Branch Academy associates are expected to strive toward the standards established by the campus.  Be on time and act appropriately.  Bring all required materials to class daily.
2. **Make up work** must be completed in a timely manner.  By district policy, associates are allowed **one day** **for each day absent to make up assignments**.  Don’t forget to check the calendar on Canvas when you are absent!  Missed lab assignments and exams may be made up during content support & lab.
3. **Respect** everyone whether you agree or not.

**Topic Outline**

* Lab Management
* Matter
* Atomic Structure & the Periodic Table
* Nuclear Chemistry
* Chemical Bonding
* Chemical Formulas
* Mole Concept
* Chemical Equations and Reactions
* Stoichiometry
* Gases
* Solutions
* Reactivity
* Thermochemistry
* Chemistry Connections