

## **Pre-AP Chemistry Summer Prep Information**

We are so excited that you have challenged yourself by enrolling in Pre-AP Chemistry next year! Pre-AP Chemistry is a rigorous course designed to prepare students to be successful in AP Chemistry, entry-level college chemistry courses, and future electives! Pre-AP Chemistry is built upon a strong foundation of math, including some math concepts *not encountered by students until Algebra II*.

### **What kind of math do I need to know???**

- Scientific Notation: You should be able to perform math operations, and solve equations using scientific notation (i.e. exponential notation) both with and without a calculator.
- Significant Figures: You should be familiar with units of measurement, and rounding your answer to the appropriate number of significant figures.
- Solving Equations: You should be able to, with ease, manipulate formulas to solve for any variable within an equation (including variables in denominators). This Algebra I concept is further developed in Algebra II.
- Familiarity with logarithms. You should have a working definition of logarithm and be able to solve logarithmic equations/exponential equations.

**To ensure the success of students that will not be enrolled in Algebra II next year, two (free!) options for academic support are available! We strongly urge EVERY student to participate, even those that will be enrolled in Algebra II next year!**

### **Pre-AP Chemistry Summer Workshop**

- This 1½-day, intensive workshop will provide direct instruction, activities, and practice led by district teachers. It will be held twice for student convenience:
  - **Session 1: June 7-8, 2017**
  - **Session 2: August 1-2, 2017** (dates may conflict with football, volleyball, and band practices/camps!)
- **Day 1** of each session will run from 8:30 – 2:00, with a 30 minute lunch break from 11:30 – 12:00 (students should bring a lunch or make alternate plans; no food is available from the cafeteria)
- **Day 2** of each session will run from 8:30 – 12:00
- Both sessions will be held at **Clear Falls High School** (4380 Village Way in League City)

### **Pre-AP Chemistry Prep Course through itsLearning**

- The at-home, self-paced course covers the same concepts and includes online instruction, videos, interactive activities, and assessments.
- The course will be available online through ItsLearning June 7<sup>th</sup> through August 18<sup>th</sup>. Students that select this option and preregister will be enrolled in the course automatically. To join the course, use the password **chem**.

**Once you decide which option works best for you, complete the online registration as explained on the following page!**

## **Prep Workshop Registration Information**

Please complete the ONLINE registration form no later than May 23 so that an adequate number of teachers can be hired, and/or you can be added to the itsLearning course.

Late registrations are accepted as long as room is available.

**REGISTER ONLINE at:**

**<http://tinyurl.com/CCISDChemCamp2017>**

**Keep this form as a reminder of your enrollment!**

- Session 1 Workshop Wed. June 7<sup>th</sup> – Thurs. June 8<sup>th</sup> at Clear Falls High School
- Session 2 Workshop Tues. August 1<sup>st</sup> – Wed. August 2<sup>nd</sup> at Clear Falls High School
- CCISD Pre-AP Chemistry Prep Course in itsLearning

Questions about Pre-AP Chemistry or the math pre-requisite skills can be directed to Lisa Wooley, CCISD Secondary Science Coordinator, at 281-284-0089 or by e-mail at [lwooley@ccisd.net](mailto:lwooley@ccisd.net).