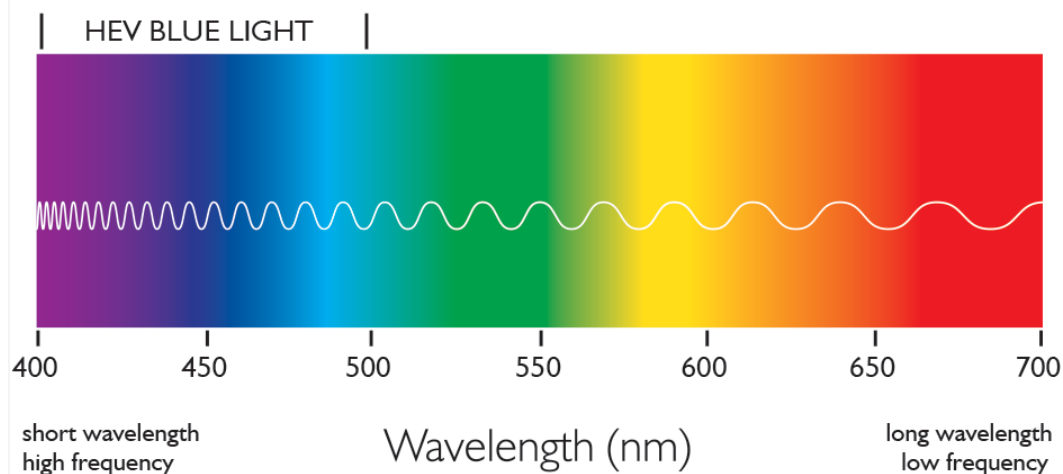


# Chemistry Club

We have all the solutions.

## VISIBLE LIGHT SPECTRUM CHART

NATURAL VISIBLE LIGHT SPECTRUM IN NANOMETERS



## Steps to Joining Chemistry Club:

1. Attain a chemistry club application. This can be attained in the Science Learning Center (LS 122) or the Chemistry Club (CHEM 223).
2. Complete the form, being sure to include your full name, PID, a good phone number and email address, and activities you would be interested in participating in.
3. You can turn the form in to the Chemistry Club Room (CHEM 223), Dr. David Dillon, or a Chemistry Club officer at any time.

1

### DO I HAVE TO BE A CHEM MAJOR?

All majors are welcome! We are always looking for members that can expand our club further than the Chemistry Building's walls!

2

### WHAT IF I'M NOT GOOD AT CHEMISTRY?

Our club offers several resources guaranteed to help you succeed in chemistry. If you are not looking to learn chemistry, we aren't asking you to!

3

### I DON'T HAVE TIME...

We totally understand! There is no required time commitment to be in chemistry club. We are here to help you achieve your goals – no obligations.



### Today's Element:

**Argon** is the third most prevalent gas in the Earth's atmosphere, found at 9,300 parts per million. It makes up 1.28% of the Earth's atmosphere and was the first noble gas to be discovered (1894). Argon is a colorless, odorless, and non-toxic material in all three of its states.



Argon provides an inert atmosphere in which welded metals will not oxidize.

## This Week's Meeting:

### Fundraising, Volunteering, and Outreach

This week, Nich Androes — Chemistry Club President — opened the meeting with information regarding an exact reagent cost analysis for potential science demonstrations in the local high schools. Each reagent is likely to cost approximately \$100; therefore fundraising was suggested. The first high school engagement activity will occur at East High within the next two weeks, in which experiments *Hydrogen Peroxide with Catalyst (Elephant Toothpaste)* and *Helium, Air, and Argon-Filled Balloons* were considered. Further concerning fundraising, additional activities were discussed: CSU-P's Halloween Haunted House, Parade of Lights.

Several outreach/volunteer opportunities were brainstormed as well. These options include the following: local high school engagement, ACS's (Program in a Box) Chemistry is Out of This World: Voyage to Mars — Chemistry of the Red Planet, high school Friday tutoring, the Biology Department's Creek Week, AGS's PACK Pantry, and Chem Day. Important dates for each are listed below under *Important Dates*.



As a club, we are still looking to visit several science-related locations. Currently, Nich is trying to contact the Waste Water Treatment Plant located in Pueblo, CO, and Dr. Dillon is looking into mine visitation, including the Mollie Kathleen Gold Mine (pictured above), Victor Gold Pit, and silver mines located in Westcliffe, CO. The Denver Museum of Nature and Science and UTC Aerospace (develops aircraft brakes) are potential field trips.

T-Shirt designs will be discussed further at our next meeting Thursday, September 13th from 4:00 P.M. to 5:00 P.M.

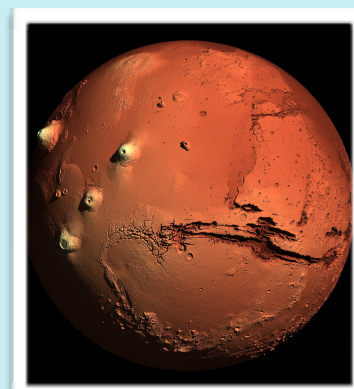
### IMPORTANT DATES

East High School Engagement Activity: Date TBD, Next Two Weeks

ACS Program in a Box: October 23rd at 5:30 P.M.

Chem Day: Thursday, October 25th from 9:00 A.M. to 12:00 P.M.

High School Tutoring: Every Friday from 1:00 P.M. to 3:00 P.M.



## Attendance

---

Nicholas Androes — President

Keenan Wyatt — Vice President

Kaitlin Diodosio — Secretary/Treasurer

Sarah Lira — Member at Large

Cameron Collins

Brittany Mullen

Chandler Sparks

Mikelah Susuki

Alyssa Telfer

Sean Love

John Hammon

Devin Trujillo

Katie Richardson

Dr. David Dillon — Sponsor

## Sign Up Sheets

---

### East High School Demonstration

Kaitlin Diodosio, Sarah Lira, Brittany Mullen, Keenan Wyatt, Devin Trujillo

### Friday Tutoring

### Halloween Haunted House

Kaitlin Diodosio, Mikelah Susuki, Keenan Wyatt, Sean Love, Devin Trujillo, Nich Androes

### Chem Day

Nich Androes, Devin Trujillo, Sean Love, Keenan Wyatt, Katie Richardson, Brittany Mullen, Sarah Lira, Kaitlin Diodosio