

Curriculum Night

Mrs. Burns

AP Chemistry and Chemistry

September 2018

Mrs. Burns

- Attended:
 - AP Institute – Chemistry Training Program summer 2014 and 2018
 - Biennial Conference on Chemical Education 2016 (Colorado)
 - U. of Washington for Masters in Science Education
 - Western Washington U. for teaching program
 - U. California Davis for undergraduate work in Dietetics (Nutrition)
- Washington State Endorsement in Chemistry.
- Member - American Association of Chemistry Teachers, National Science Teachers of America, NEA, WEA, and EEA

Also....

- Parent to two college age children! Years of experience on both sides of the aisle! 😊
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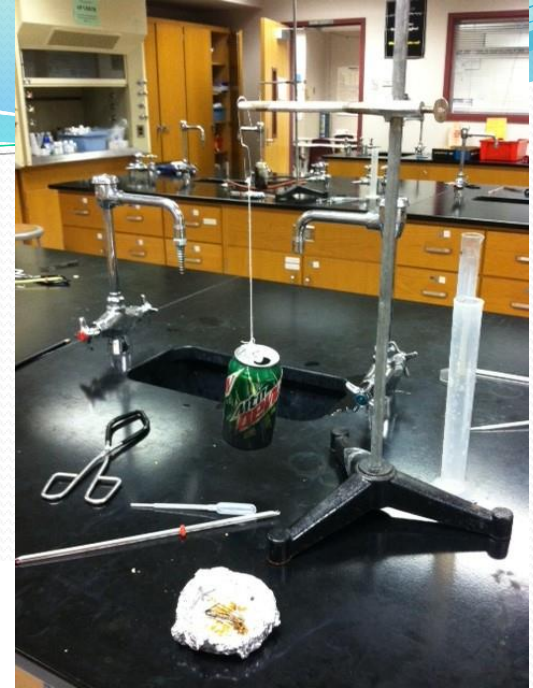
Contact Information

- My email: eburns@everettsd.org
- Best contact by email. I answer promptly!
- Phone calls: Please do not call during class unless emergency. Call 7:00 am – 7:30am or after school to leave message. X7135. Let me know a convenient time/phone number to reach you during the day. Will call back by next day!

Website- under Staff (teachers) at JHS

- <http://www.everettsd.org/Domain/953>

Chemistry



If it's green or wriggles, it's biology.

If it stinks, it's chemistry.

If it doesn't work, it's physics!

AP Chemistry Slides

- The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry.
- Students cultivate their understanding through inquiry based investigations, readings from the textbook, lectures, problem solving, discussions, group work.
- Students will explore atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

AP Central

AP Chemistry Test – Thursday, May 9th at 8am.



**KEEP
CALM
AND
TAKE
AP CHEMISTRY**

- At least two former AP students earned a 5 last year on the exam (the highest score). Their secret: lot's of studying!!!!
- We will do a substantial amount of review in class.

Rigor -

- Higher reading level in textbook. More vocabulary required.
- Challenging problem solving in class and online.
- Faster pace to chapters.
- More challenging lab procedures and higher expectations for lab analysis.

Assignments: Keep current!

- Where are assignments posted? On Canvas.
- Where are other resources for the class? On my website. MasteringChemistry.com.
- When absent: check Canvas, come in and get handouts, check for returned work, come in outside of class for help or lab assistance. Not all labs can be made up and there are regular lab quizzes.
- Syllabus – refer to for grading, makeups, late policy.
- Homework is assigned and I remind students to record this in their planner, phone, or take a picture!



Review website for syllabus



Chemistry Slides

Course content:

1 st Semester	2 nd Semester
Review of Matter and atomic structure	Acids and Bases
Chemical Reactions	Thermochemistry
Moles and Mole Conversions –related math skills	Equilibrium
Stoichiometry	Organic Chemistry
Molarity	Gas Laws
Solutions and Dilutions x	Nuclear Chemistry
	Periodic Table Organization Principles

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Course attendance:

- **Course topics build on prior knowledge all year long. Absences require extra work to catch up.**
- **This is a lab/activity based class!**
- **Labs cannot always be repeated for absences.**
- **There is no substitute for regular attendance and being on time to class.**

College in the High School



Earn College Credit in High School

EVCC's College in the High School program offers high school students, in grades 10-12, the opportunity to earn both high school and college credit for advanced, college-level coursework offered right in their high school.

[College in the High School >](#)

Registration Deadlines

November 20, 2017

For first semester and year-long courses

April 2, 2018

For second semester courses

Registration Information

[Student/Parent Information](#)
[Additional Resources & Links](#)

[Teacher/Faculty Information](#)

[Completing Your Degree](#)

- College in the High School credit for Chemistry.
- Students need to complete the EVCC requirements for admission into the program.
- All work done at JHS. Earn credit for Chem 121 at EVCC.

College in the High School

- Advantages – this course provides credit for Chem 121 (Health Science Chemistry) **or** EVCC will waive Chem 140 if students want to enroll in Chem 161 series (engineering Chemistry sequence).
- Use of college credit depends on the university. Check your options!
- Go online for more info at <https://www.everettcc.edu/ccec/college-in-high-school/>



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Skills needed by today's students and developed in Chemistry.

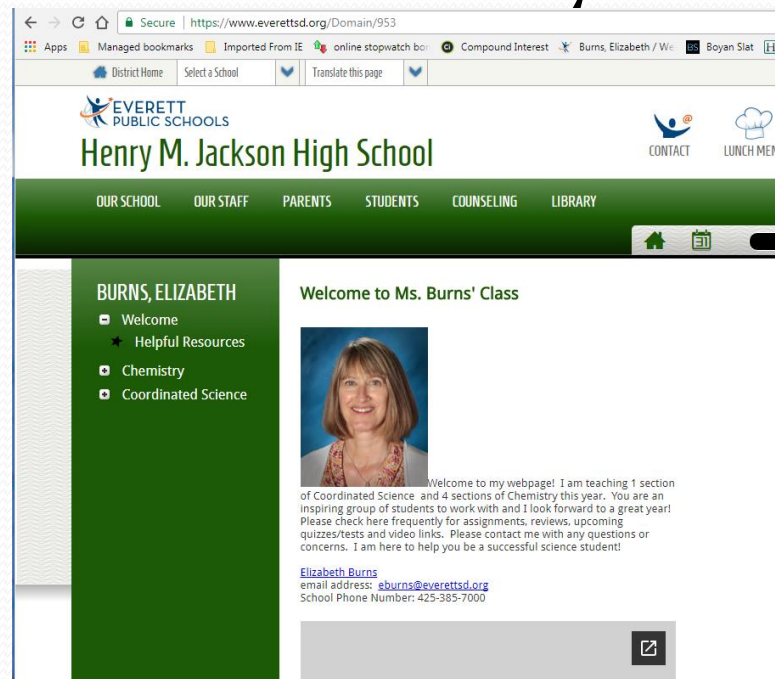
- Inquiry Skills
- Communication
- Problem Solving
- Group work
- Deep Knowledge of Content and how to access it.

Use of electronics

- Laptops will be used during the school day to support instruction.
- Phones may occasionally be used to document labs and photo notes from absences. Phone use is limited and non-instructional use of phone may result in loss of focus and less success in class.
- Textbooks: leave at home. Homework will be assigned from textbook. No online access at this point – not from lack of trying!

Website – let's take a look

- Updated daily with what occurred in class and homework assignments.
- Dates for quizzes, tests, and labs.
- Parents can check the calendar on website daily for homework and what to study for upcoming tests.



The screenshot shows a web browser window displaying the website for Henry M. Jackson High School. The browser's address bar shows the URL <https://www.everettsd.org/Domain/953>. The website header includes the Everett Public Schools logo and the school name, Henry M. Jackson High School. A navigation menu below the header lists: OUR SCHOOL, OUR STAFF, PARENTS, STUDENTS, COUNSELING, and LIBRARY. On the right side of the header, there are icons for CONTACT and LUNCH MENU. The main content area is titled "WELCOME TO MS. BURNS' CLASS" and features a profile for Elizabeth Burns. The profile includes a photo of Ms. Burns and a welcome message: "Welcome to my webpage! I am teaching 1 section of Coordinated Science and 4 sections of Chemistry this year. You are an inspiring group of students to work with and I look forward to a great year! Please check here frequently for assignments, reviews, upcoming quizzes/tests and video links. Please contact me with any questions or concerns. I am here to help you be a successful science student!" Below the message, contact information is provided: Elizabeth Burns, email address: eburns@everettsd.org, and School Phone Number: 425-385-7000. A sidebar on the left lists navigation options:>Welcome, * Helpful Resources, Chemistry, and Coordinated Science.

Website – Chemistry & Calendar

Apps Managed bookmarks Imported From IE online stopwatch bo Compound Interest Burns, Elizabeth / We BS Boyan Slat These Ontario Studer

District Home Select a School Translate this page Sign In



Henry M. Jackson High School



OUR SCHOOL OUR STAFF PARENTS STUDENTS COUNSELING LIBRARY

BURNS, ELIZABETH

- Welcome
- Helpful Resources
- Chemistry
 - Chemistry Syllabus
 - Safety Contract
 - Chemistry Calendar
- Coordinated Science

Go to this website for Tyler DeWitt Chemistry Vide
<https://www.youtube.com/channel/UCj3EXpr5v35>



Jackson High School

1508 136TH ST. SE, MILL CREEK, WA
425-385-7000

Calendar view for Sep 16 – 22, 2018

	16 SUN	17 MON	18 TUE	19 WED	20 THU	21 FRI	22 SAT
all-day		<ul style="list-style-type: none">Ch. 4 Quiz Review - Due Wed.Ch. 4 Quiz Review - due Wed.H/W Lab Analysis - due Tues.H/W Lab Analysis Due Tues.Percent Error H/W due Tuesday classPercent Error H/W due Tuesday classPercent Error W/S due Tues.	<ul style="list-style-type: none">Percent Composition H/W due Wednesday classPercent Composition H/W due Wednesday classPercent Composition H/W due Wednesday classRock Research Slide - due Friday	<ul style="list-style-type: none">Ch. 4 QuizCh. 4 QuizH/W Read. Guide on 5.1-5.3H/W Read. Guide 5.1-5.3Matter Packet - due Thurs.Matter POGIL due ThursdayRock/Mineral Research due FridayRock/Mineral Research due Friday	<ul style="list-style-type: none">CaCl2 Lab QuizCaCl2 Lab QuizH/W Read Guide 5.4-5.5H/W Read Guide 5.4-5.5Matter POGIL due ThursdayPhys/Chem Worksheet done in classPhys/Chem Worksheet done in classPhys/Chem Worksheet done in class	<ul style="list-style-type: none">H/W Mast. Chem 5.1-5.5H/W Mast Chem 5.1-5.5Periodic Table Act. in class - no h/wPeriodic Table Act. in class - no h/wPeriodic Table Act. in class - no h/w	
7am							
8am							
9am							
10am							
11am							
12pm							

Assignments:

- Assignments are posted on website and written on the board.
- Time is provided for students to record assignments in planners.
- Homework is formative (20%).
- Tests are summative (80%). Retakes up to 85% grade if homework and test review is complete.
- Late policy – all work accepted if absent.
Homework done by beginning of class is on time.
- All homework must be completed for retakes of tests.

Electronics!

- Use of electronic devices:
 - Calculator for homework only. Need **regular** calculator for quizzes and tests.
 - Textbook – Will be checked out later in term. Textbooks stay at home for reading and homework assignments. Please return at end of year!
 - Class calendar has many links to online tutorials and online videos related to the topics we are studying.

Need help?

- Make arrangements to see teacher before or after school.
- Work in a study group.
- Read the textbook when assigned and reread if necessary.
- Review notes outside of class more than once.
- Do all problems from class. Redo for review. Do all of the homework.
- Use online resources such as videos and tutorials.
- Minimize class distractions and keep your focus! #1 is your phone!
-

Tips to be successful

- Keep an up to date journal!
- Check my website.
- Make up work from absences. Labs and activities need to be done – not copied from other students unless teacher approved.
- Review journal, book, and notes for quizzes and tests.
- Ask for help!
- Do quality work!