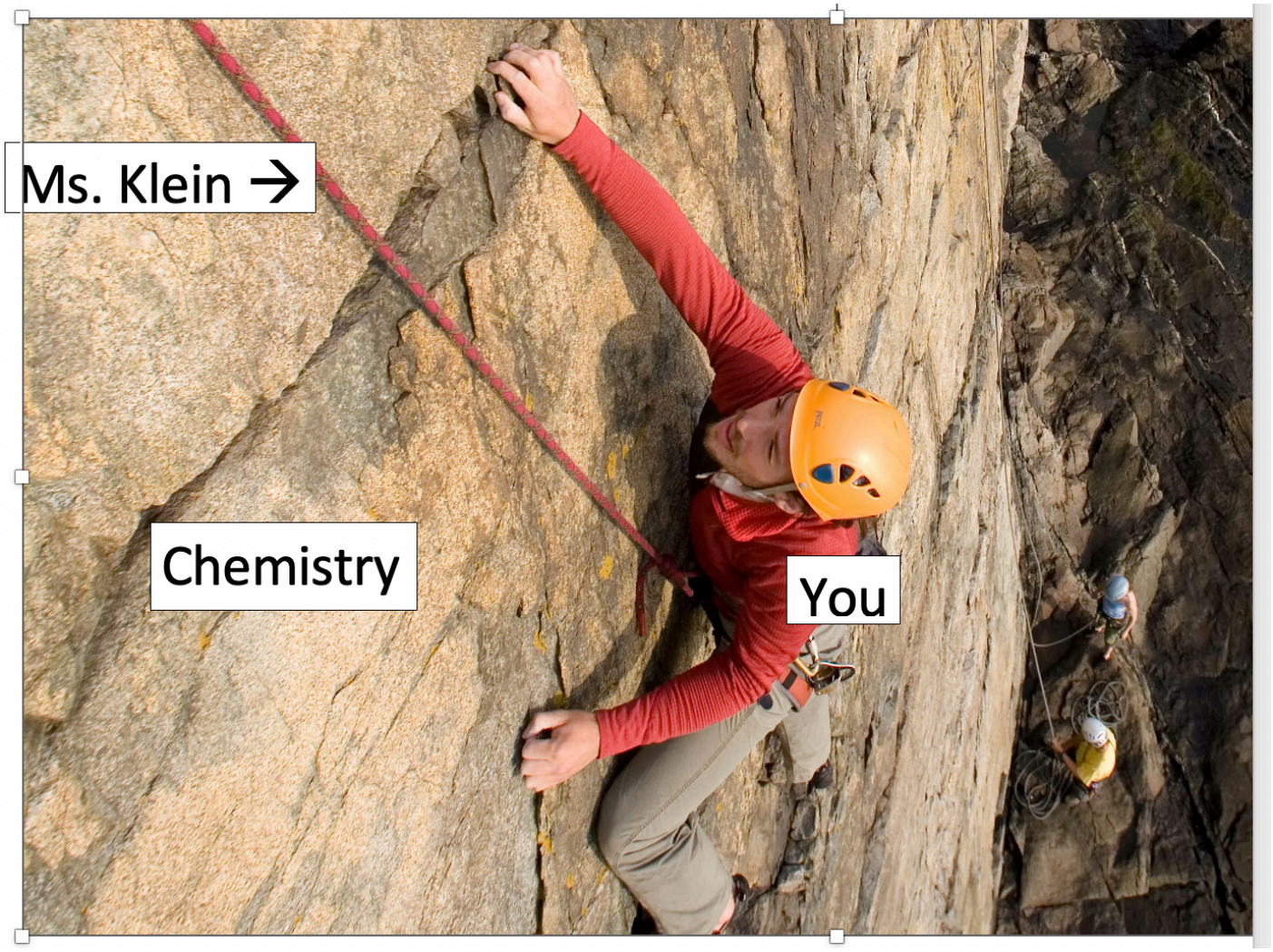
Chemistry I/H-Chemistry I/H-Chemistry II

Course Syllabus with Rules and Procedures for 2025-2026

Instructor: Crystal Klein **Office Hours:** 7:45 AM – 3:45 PM, or by appointment
Cell Phone: 308 750 1980 School Phone: 308 324-4691 ext. 2120
Room/Office: High School, Room 120 **E-mail:** crystal.klein@lexschools.org



TEXT: National Geographic *World of Chemistry* by Zumdahl, Zumdahl, and DeCoste 2021, available as a textbook or electronic document. If you have problems accessing the book, please see Ms. Rosner in the library.

RATIONALE:
Chemistry is the study of some of our attempts to understand our world and the universe. Second, its applications have and continue to produce changes in our society. Even if you do not enter into a chemistry intensive field, you will have gained a deeper understanding of our ever-changing world.

REQUIREMENTS:

CHANGES, MODIFICATIONS, AND ADDITIONS CAN BE MADE TO THIS DOCUMENT. STUDENTS WILL RECEIVE NOTIFCATION EITHER VERBALLY OR VIA EMAIL OF ANY CHANGES TO THE RULES AND PROCEDURES OF ROOM 120.

Chemistry I • Currently enrolled in or passed Algebra II • Math MAP cut score of 235 H-Chemistry I • Passed Algebra II	H-Chemistry II • Passed Chemistry I

CLASSROOM RULES: WORK HARD AND BE NICE!!!

TOPICS COVERED WILL INCLUDE BUT ARE NOT LIMITED TO:

Chemistry I/H-Chemistry I • Matter and Change • Measurement and Calculations • Atoms: The Building Blocks of Matter • Arrangement of Electrons on Atoms • The Periodic Law • Chemical Bonding • Chemical Formulas and Chemical Compounds • Chemical Equations and Reactions • Stoichiometry • States of Matter • Gases • Solutions • Ions in Aqueous Solutions and Colligative Properties • Additional topics as time allows	H-Chemistry II • Review of Chemistry I • Acids and Bases • Acid-Base Titration and pH • Reaction Energy • Reaction Kinetics • Chemical Equilibrium • Oxidation-Reduction Reactions • Electrochemistry • Nuclear Chemistry • Organic Chemistry • Biological Chemistry

ABSENCES:

Planner

- Students are responsible for keeping their planner up to date. Students will use their planner to find out what they have missed if they are absent from class. Planners will be checked at the end of each chapter.

Missed Work

- Students are responsible for all missed work, assignments and notes due to any absence. Students who have an unplanned absence from school will be allowed two days for each day of absence---up to five days total---to turn in missing work without penalty with some exceptions.
- If there is a major project or test (anything that is announced a head of time) that was due while you were gone or due the day you get back, your project is due and/or you must take the test if no new material was covered or no new information about the project was given during the absence.
- It is your responsibility to make arrangements with the teacher.
- A plan must be made either in person or electronically by 9:45 AM on the day you return. Otherwise, points may be deducted.
- Being unexcused absent the day of tests/quizzes more than twice is suspicious. Upon your third unexcused absence from class on test/quiz day, you will automatically lose 10 points from your test or quiz. The fourth time, you will lose 20 points. The fifth time, it will be a zero.
- Juniors are very busy people. Keeping me (Ms. Klein) abreast of absences is imperative to be successful in chemistry. Please let me know as soon as you know you are going to have an absence. I am happy to work with students who take responsibility for their absences and "make a plan" beforehand.
- Students are responsible for "making a plan" if they know they are going to be absent. Students know what my plan is for the week as it is written in their planner. Students then need to use this information to make their plan, which they will email to me. Then write it down on the sheet and initial it for me.
    - Fifty percent will be deducted from test/quiz for planned absences that are taken after the absence (even if that was the plan). Once quizzes are handed back, you cannot take the quiz.
- Documenting your absence and plan is very important. Be sure to email your plan to Ms. Klein
- Ms. Klein may accept, reject, or modify your plan.
- All missed work, assignments and notes due to absences that are pre-excused or due to school activities needs to be completed before you are gone unless other arrangements are made prior to the absence. If students fail to make a plan, they will receive a .1 on the assignment(s).
- **If you are involved in an activity, it is your job to know when you will (or even might) be gone. You need to sit down with your schedule at the beginning of the season and fill out your planner. Talk to your coach about what time you will be leaving for each event. Put that in your planner. Then you will always know when you need to make a plan.**

- If you make a plan and do not show up for your plan or give timely notice, you will lose 10 points, and will no longer be allowed to make a plan outside of the normal school day.

BACKPACKS
- Leave backpacks in the hallway. Bring in only needed material.

BOOKS
- The book is available both electronically as well as a physical book. Students are welcome to check out a book. If a book is checked out, a cover must be put on the book before it will leave room 120.
- Fines will be assessed to students who do not take care of the book that is checked out to them.
- Please see Ms. Rosner in the library if you are having problems accessing your book online.

BONUS POINTS
- Please do not ask for bonus points. The opportunity comes up occasionally and I often give extra points to students who go out of their way to help me. Don't be greedy.

BRACELETS
- You cannot wear bracelets on lab days. They could knock over glassware, dip into chemicals, etc. They are a hazard.
- You cannot wear bracelets on test days. People hide notes under them to cheat.

CALCULATORS
- I have 24 scientific calculators for student to use. Some of them are Casio and others are Texas Instrument with varying models of each brand. It is your job to learn how to use the calculator. <u>You must know how to put scientific notation into "your" calculator.</u>
- Choose the same calculator every time so you know how to use it. Be sure to put the calculators back in numerical order or they will become inaccessible/
- I would encourage you to buy your own scientific calculator if you are able. I, personally, do not care for the Texas Instrument Multi-View calculator, which I find difficult to use and cannot help you with.

CHEATING:
- Cheating will result in the loss of points.
- Cheating will also result in forfeiture of any MARCH points earned as well as a ban on earning future MARCH points.

CHEAT SHEETS
- Keep all your cheat sheets in a plastic page protector at the front of your binder.
- You will use these sheets throughout the year.
- Do NOT ever write on your cheat sheet unless specifically told to do so.

CHEMICALS
- <u>Rule 33: Never return unused chemical to their original container.</u>
- Copy the underlined statement five times and turn it in by the second Monday of school.
- <u>Always put the cap back on containers. Never leave the cap off even if someone is waiting to use the container.</u>
- Copy the underlined statement five times and turn it in by the second Monday of school.
- If someone violates Rule 33 and/or the cap rule during lab, everyone in chemistry will have to write the pertinent rule three times for every violation. Watch your lab mates, be sure they do NOT put chemicals back into the container after they have been taken out. Be sure they put the caps back on containers.

CITATIONS
- What does it mean to "cite" a source **In** writing a paper or report, it means: You show, in the body of your paper, where the words or information came from, using an appropriate formatting style (Klein, 2023) , **AND** You provide complete information about the source (author, title, name of publication, date, etc.) at the end of your paper, in the bibliography (also called the works cited or references page, depending on the style you use).
- You cannot put sources that are not cited in the essay into a "Works Cited" page. That would be a bibliography….not works cited.
- ChatGPT does not use real sources.
- See the example essay attached, p. 19.

CHEMICAL ROOM

- Absolutely no students are allowed in the chemical room without permission.

CLASSROOM MATERIALS

- I have lots and lots of supplies. I want you to have what you need to be successful in the science classroom. You need to treat those supplies with respect. You need to be sure to return those supplies the way you found them. If your class does not treat supplies appropriately, the entire class will lose access to those supplies. I cannot stress enough how important it is to put things back in the appropriate place clean and in working order.
- If a table is left in disarray or materials are not put away, everyone at that table will lose points. This includes writing/artwork on the tables. If you spot writing/artwork on the table or you find your table in untidy, please let Ms. Klein know immediately so that your table does not lose their points.

COLLEGE CREDIT THROUGH CENTRAL COMMUNITY COLLEGE

- Credit for CHEM 1050 will be offered to students who take H-Chemistry I. Credit for CHEM 1090 will be offered to students who take Chemistry II. Successful completion of the class will be required to receive college credit.
- Students must complete both semester of the high school, but will sign up for the college class in the spring semester only.
- College grades cannot exceed 100%. A different grade scale is used for the CCC class.
- The college grade will be an average of first semester and second semester.
- High school students who enroll in Early College courses are eligible to receive academic accommodations. However, the student will need to register with the Central Community College (CCC) Disability Services office and request CCC accommodations.
- It is important to note that the IEP, and the high school 504 plans do not continue into college. Some accommodations provided at the high school may also be appropriate at the college level, but they must be approved by the Disability Services office prior to receiving them. There are some supports and services provided that go beyond a reasonable accommodation because they would modify the learning objectives and outcomes. College curriculum is not modified for any student, with or without disabilities.
- This is a wonderful opportunity. For students who do not enjoy science, they can take chemistry as a junior and also get their science college class out of the way. For students planning to major in a science field, engineering, health science, etc., you will be able to get the required General Chemistry I finished before you even go to college by successfully completing Chemistry II!
- At this time, the cost is $15/hour. Chemistry is a 4 hour class. There are scholarships available through the guidance counselors' office. Please get in contact with them to sign up.
- There are different books used for the college class that will be checked out to students as needed.
- The CCC Chemistry Syllabus applies to students in the dual credit chemistry class.
- I can only discuss your performance in the college class with you and the college. I am not allowed to speak with your parents or the LPS about your performance/grade in the college class.

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COMPUTER/iPad/ELECTRONIC DEVICE USE

- If you do not have at least an 80% average in class, you will not be allowed to use your computer/iPad/ electronic device in class unless you are specifically given permission to do so. Textbooks are available in class. All papers are handed out at the beginning of the semester.

CONTACTING MS. KLEIN

- Please send me an email if you have any questions, concerns, etc.
- It is important you follow the chain of communication. Your complaint starts with me. If you are dissatisfied with my answer to your complaint, then talk to the administration.
- If your parents would like to contact me, I would prefer they use my school email: crystal.klein@lexschools.org. Your parents can also call/text me at 308 750-1980.
- Students should not contact me via phone unless it is an emergency.

COPIES

- You will get a copy of every paper you need . Generally, additional copies are not available. If you lose or forget to pick up papers, you are responsible for getting new copies on your own.

DETENTIONS:

- Detention will only be given in the most extreme cases.

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DOORS

- The person sitting closest to the door is responsible for shutting it when the bell rings.
- The person sitting closest to the door that we do not use is responsible for pulling the blinds shut in a lockdown while I shut the blinds on the other side and check the door. I will check the door as soon as I get the blinds down on my side.

EMERGENCY SHOWER AND EYE WASH

- There is an emergency shower and eyewash at the front of the classroom in case a student splashes chemicals into his/her eyes or spills a large amount of chemicals on him/herself. If you are involved in some sort of chemical mishap do not hesitate to use the chemical shower. Please be aware that if you use the chemical shower as part of the protocol of using the shower, **we must completely strip you of all clothing and hold you under the shower for 20 minutes to prevent any further chemical burns. While I am holding the student under the shower, some other things need to happen. First, one student needs to go get Mr. Neujhar. Second, three students need to sprint down to the office. One of those students needs to tell the office what has happened; then another student needs to tell the nurse; the final student should tell the SRO. A fifth student should go get the janitor. Finally, the rest of the students need to leave the room and sit quietly against the lockers in the hallway.**

EVALUATION (HOW IS MY GRADE CALCULATED?)

Students will be evaluated on their performance on:

- **Tests will be 50%** of your grade.
    - Tests will be given at the end of chapters. Test must be completed in class by the end of your assigned class period. If you know you are going to be absent, tests must be made up before you leave. If you think you will need more time than the class period to take your test, Ms. Klein is always willing to come in early on the day of the test. If you are absent the day of the test, you are expected to make up the test the next day before or after school. However, you have 2 days to make up the test, than the test will be worth 50%. After the fifth day, you will no longer be allowed to make up the test. Repeated unexcused absences on Test Day will result in loss of points and eventually a zero on the missed test. See under ABSENCES for more information.
    - See under TEST DAYS for specific directions for taking tests.
    - Tests are not handed back, but students can look at their tests if they so choose. Tests are in the checked paper box at the front of the room.
- **Quizzes and Labs/Activities will be 25%** of your grade.
    - Quizzes are often given prior to the test to help students identify points of study preceding the test. Students to prepare themselves for the test should use quizzes. Quizzes will be completed before an excused absence. If you are sick, students will need to make up their quiz immediately upon their return. A quiz cannot be made up after the fifth day or after the quiz is returned to students. Quizzes must be returned on test day, or a zero will be entered into the grade book. Repeated unexcused absences on Quiz Day will result in loss of points and eventually a zero on the quizzes. See under ABSENCES for more details.
    - Many different labs will be done in this class and all students are expected to participate. **I expect you to have copied the lab directions into your lab notebook before coming to class. Students who are obviously not ready for lab will not do lab**
    - Occasionally, labs can be made up, but usually you will need to copy the lab into your lab notebook and then write a five-paragraph essay over the material covered in the lab with at least three cited sources. Please clearly mark which lab the articles are in lieu of. Email Ms. Klein links to the three sources cited. I check sources. ChatGPT does not use real sources.
        - Students who have the opportunity to make up a lab but choose to write and essay will receive a maximum score of 50% on the lab.
    - Any failure to follow the safety rules will result in a zero for the lab. A second offense will result in zeroes on all labs for the rest of the semester.
    - Please see LAB DAYS, MISSING LAB and LABORATORY ACTIVITIES for more information on labs.
- **Accountability will be 15%** of your grade..
    - Complete practice problems, assessments and worksheets. Five accountability points will be lost if you do not complete daily assignments.
        - Practices will consist of any practice problems, assessments, worksheets and any other assignments assigned to facilitate the learning of the subject matter. If you do not do the assigned practice problems you will not be able to do chemistry. I do not assign a frivolous amount of problems. Practices will be looked at during Student Conferences for completeness and not correctness.

        - The answers to many of the problems we do are available for students to see. It is okay to look at the answers to see if you have completed the problem correctly. It is not okay to copy the answers and not do any of the work. You will fail. In the end, when we are going over problems much more is learned when students try to do the problem and get the wrong answer than when they just copy the answer from someplace else.
        - I have used sites like Chegg and Bartleby's for answers in the past. I find more often than not, the answer is wrong, but the work often gives you a hint how to do the problem.
        - Please bring questions to class about the practices, assessments, and worksheets. If you do not ask questions, I assume you "got it"!
    - At the end of each chapter, there will be a binder check (also known as a ticket) for accountability points. Students will be given a ticket that tells them everything that needs to be completed. This is where I will subtract accountability points for not completing daily assignments.
    - **Lost accountability points can be made up by attending tutoring afterschool or sport's study hall.** For every 10 minutes a student is in tutoring, they will earn back 5 accountability points. Take a selfie when you arrive and when you leave with the clock and supervising adult. There will be a google doc created and shared with you to upload the pictures and time. You need to keep a running total. If you are caught cheating/plagiarizing, you will forfeit any make up accountability points you and will no longer be allowed participate in this opportunity.
- **Semester tests will be 10%** of your final semester grade.
    - Semester tests will cover the entire semester's material.
    - Please see handbook for semester test dates and schedule.

EXTENDED TIME

- Sometime life does not work out. Please ask for extended time if needed, You need to have a very specific plan ready to go when asking for extended time. This opportunity should be used sparingly, if ever.

FAILING OR ABOUT TO FAIL PARENT NOTIFICATION (PINK SLIPS)

- If you have less than a C in the last two weeks of the quarter, you will receive a pink slip. Please have your parent/guardian sign the slip. When it is returned, you will receive 10 test bonus points.
- If you do not receive a pink slip and your grade is less than a C, please ask for one.

FINES/FEES

- If you are placed on the school's Fines/Fees list, you must return the items through the office. Do NOT bring them to me. This way the office can remove your name from the list.

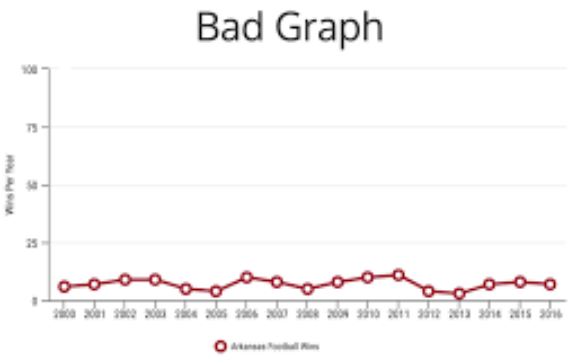
FIVE PARAGRAPH ESSAY

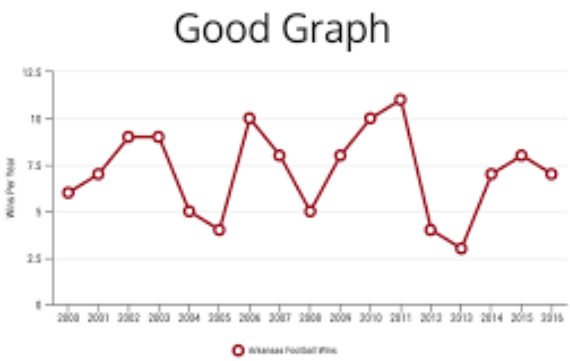
- Essays should be typed and printed…one inch margins, Arial, 12 font, justified margins, single or double-spaced…. preferably not longer than two pages. E-documents will lose 5 points. Documents longer than 2 pages will lose 5 points. Documents that diverge from the topic in an extreme way will lose 15 or more points.
- Writing for science is different than writing for English. Your writing should be concise and to the point. Length does not matter. What matters is did you cover the topic. Please do not add extra lines or change the font to make your paper appear longer. If you find one or two lines have gone on to a second page, please slightly adjust fonts to get everything on one page.
- Your heading should include **your name, period, and date single spaced ONLY**.
- Do not used "canned" transitions. One point off per canned transition.
- Minimum of five sentences/paragraph for non-honors classes. Minimum of seven sentences/paragraph for honors classes.
- Please focus on the six plus one traits of Write Tools when writing: Voice, Ideas, Presentation, Conventions, Organization, Word Choice, and Sentence Fluency.
- Be creative. Do not use the same topics that other students are using. If more than one student uses the same topics for their paragraphs, points could be lost.
- Essays should be personalized and include examples, stories, anecdotes, reflection, etc. from your own life whenever possible. You must include a personal, specific story/per body paragraph to receive credit for that paragraph. I expect most essays to be written in the first person.
- Rubric for grading:
    - Essays are worth 30 points.
    - Minus one point for every canned transition.
    - Minus one point for every missing sentence.
    - Minus three point for every typical, predictable topic,…a topic that is used by multiple students.
    - Minus one to three point for no personal anecdote or story within each of your three topic paragraphs.
    - Minus one point for missing or boring "hook" in introductory paragraph.

    - Minus one point for not tying your conclusion back to your hook.
    - Minus 15 points if your essay sounds like it was written by AI
- First Semester: Three things you learned in chemistry class that was not about science. Due the last Wednesday in November.
- Second Semester: Three things you would tell next year's chemistry students. Due the first Wednesday in May.
- Other essays maybe assigned.

GRADES:
- Standard grading scale will be used. The grading scale is in the student handbook.
- NOTE: The grading scale for the college class is different from the high school scale.

GRAPHS
- Graphs should have an adjusted y-axis. If the measurements do not start at zero, the y-axis should start just below the lowest measurement and end just above the highest measurement.
- There will not be large areas of emptiness. If there is no data in that area eliminate the area. Focus on the area where the data points are located.
- If data is dissimilar, draw multiple graphs.





GLASSWARE
- You are expected to know what a beaker, an Erlenmeyer flask, a graduated cylinder, and test tube are.
- Only use distilled water in glassware unless specifically told to do otherwise. NEVER heat tap water in glassware.
- Always clean the glassware and rinse it with distilled water before putting it away. Nobody likes dirty glassware.

HONORS CHEMISTRY I
- Students will read three books (*Silent Spring, Alchemy of Air*, and *Napoleon's Buttons*). They will complete either a study guide or reflections. They will also write a summative essay.
    - Summative essay topic
        - *Silent Spring*: Are pesticides and herbicides necessary? You must interview a local farmer or visit the local extension office to get another perspective on the topic. Limit of three interviews per farmer.
        - *Alchemy of Air*: Discuss the importance of another discovery/invention of equal importance to the Haber-Bosch process. Do not write about penicillin.
        - *Napoleon's Buttons*: Discuss three molecules not discussed in the book that have changed the world.
    - Students should write their name in pencil on the last page of the book to avoid being charged for unreturned books. All books must have a book cover on them.
- Students will make an iMovie about a famous chemist due the last Tuesday in April.
- Students will write a variety of other essays on assigned topics or be assigned other projects to complete as opportunities present themselves.

HANDWRITTEN PAPERS
- I strongly encourage you to take pictures of any papers that are turned in and handwritten.
- Occasionally, papers are misplaced and it is good to have a copy.

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HONORS CHEMISTRY II

- Students will write several self-reflective essays on various topics.
- Students will write an essay addressing a big problem that science has yet to solve with at least five supporting articles due on the Monday after the Washington, DC trip.
- Students will read three books (*Uncle Tungsten, Obsessive Genius*, and *That's the Way the Cookie Crumbles*). They will complete either a study guide or reflections. They will also write a summative essay.
    - Students should write their name in pencil on the last page of the book. All books should have a book cover on them.
- Students will write a variety of other essays on assigned topics or be assigned other projects to complete as opportunities present themselves.

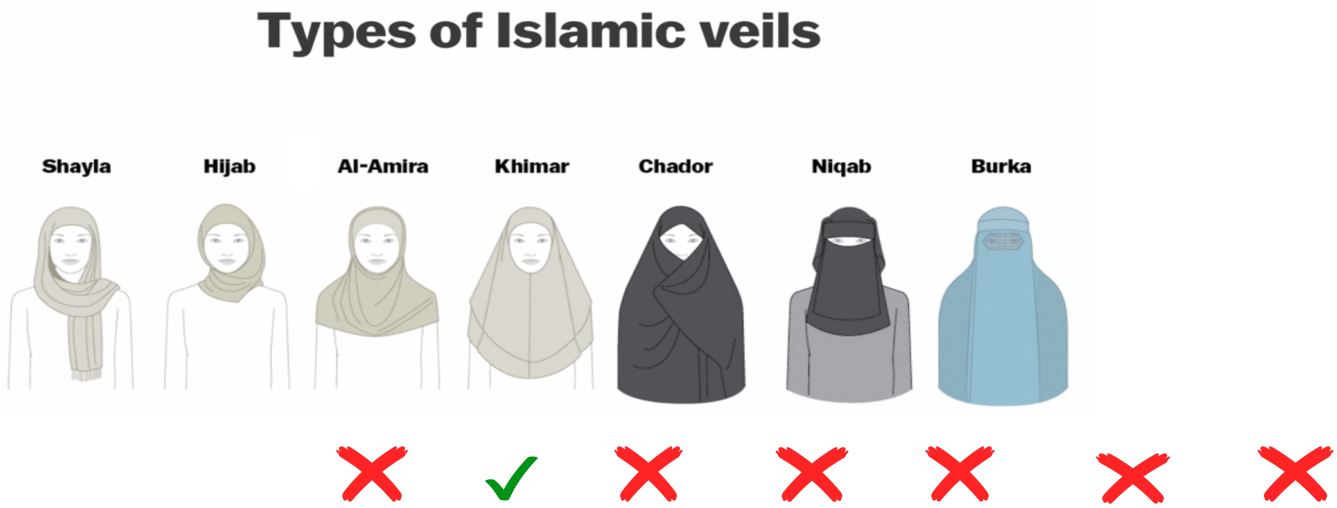
HOT PLATES

- Hot plates are located in cupboard 4.
- Please use the hot plate with the number that corresponds to your table. This way I will know who it was that did not put their hot plate away correctly.
- The cord should be folded in a figure 8 and then secured with the twist tie. If you cannot fold it neatly, please ask for help.
- The gray part of the hot plate stays cool. The white part gets VERY HOT. Be careful when returning hotplate to cupboard.

LABORATORY ACTIVITIES

- We will have 1 to 3 labs at the end of most chapters. Chemistry II will have more labs than Chemistry I.
- Labs are completed in groups of 2 to four people unless specifically given permission to deviate.
- Lab groups will be assigned. Please report any group members who are not doing their part.
- **You must read the lab before beginning and put make a written plan. If you do not have a written plan you will not do lab. You will turn in your written plan at the end of lab before you leave class. No plan, no credit.**
- Make a plan the day before with your lab group.
- **No printed copies of the lab are allowed in lab.**
- Dress appropriately for lab….
    - Remove lanyard and any bulky clothing like sweaters and coats. Remove any visible bracelets and necklaces.
    - Tie back long hair.
    - Wear pants (no leggings, no pants made of nylon, no holes, no shorts) and closed toed shoes on lab day when chemicals/heat/glassware are being used.
    - Wear round neck t-shirt that completely covers your belly when you are moving around. No short/crop t-shirts. If your belly is not covered when you lift your hands over your head, your shirt is too short.
    - Wear clothes that you know might get dirty or damaged.
    - Have a face mask available to wear for labs that produce fumes.
    - If you are a practicing Muslim lady, please wear a less flowy, straight cut abaya. It is easier for wide-fitting, billowy clothes to come into contact with flames/chemicals than close-fitting clothes. Wide sleeves, floaty dresses and lightweight, trailing scarves are particularly vulnerable. These clothes also burn faster than close-fitting clothes because there is more air available. Please avoid fabrics made of polyester, nylon, and acrylics as these fabrics will cause deep burns if they catch on fire. The hijab must be above the shoulders and tucked into the neck of the abaya. Do not wear any of the other styles of Islamic veils.

…NS, AND ADDITIONS CAN BE MADE TO THIS DOCUMENT. STUDENTS WILL RECEIVE NOTIFCATION EITHER …OF ANY CHANGES TO THE RULES AND PROCEDURES OF ROOM 120.



- Once you have removed a chemical from the container you cannot put it back...with the exception of liquids that are in a single use pipette and chemicals that are on spatula but not dumped into a dish (This makes me crazy! Don't do it!) **If I catch you putting chemicals back everyone in chemistry in all the classes will have to write rule 33 five times.** You are responsible for watching your tablemates to be sure they do NOT put chemicals back. If you have taken too much chemical out of a container, get a weighing dish to put the excess chemical in. See if another group can use it…if not, bring it up to Ms. Klein.
- Always put the lid back on the container when you are done using it….even if someone else is waiting to us it. If you do not put the lid back on you will lose five lab points. If a lid is left off a container and it is not obvious who left the lid off at any point during the class, the whole class will lose points.
- Always read triple beam balances to TWO decimal places!! (Yes, you will estimate the 2nd decimal point!)
- Always check to be sure your glassware is clean and has no cracks or scratched before using.
    - NEVER heat tap water. Only heat distilled water.
- You must return all equipment clean and in working order to the appropriate place.
    - Always rinse all glassware with distilled water before putting it away.
    - Always spray with Windex and wipe down your goggles before returning them to the box.
- If your table leaves equipment out on the table for me to put away, everyone at the table will lose 5 lab points.
- If you break something or something is broke when you find it, let Ms. Klein know right away. Things break…it is usually okay even if Ms. Klein is not happy at the time.
- You must complete the daily safety notebook entry. If you refuse to complete the safety notebook, you will not be allowed to do lab.

LAB DAYS

- On lab day, students are not allowed to bring anything into the room except the hand written lab plan and data collection sheet, a scientific calculator, and a writing utensil.
- No backpacks!! Bulky and loose-fitting clothing is not allowed. No visible necklaces or bracelets. Students must wear closed toe shoes, round neck t-shirts that completely covers the abdomen (that means when your hands are straight up in the air no skin is showing), and long pants (no leggings…wear sweats or jeans without holes) on any day that chemicals/heat/glass are being used. Cell phones, Apple watches, iPads, laptops, or any other electronic devices are not allowed in the room unless specifically given permission to do so.
- I would suggest getting a locker near my room and having lab clothes in it for lab days. Just like you have gym clothes for gym class.

LAB EQUIPMENT TABLE

- Be familiar with the bold-faced lab equipment on this table. Use this table to note location of equipment you will be using in lab.
- Look up where equipment is located before the lab.

LATE ASSIGNEMENTS (Tickets, Essays, Summaries, etc. NOT labs, tests, or quizzes)

- 25% will be subtracted from any assignment turned in late assignments. An additional 25% will be subtracted for each additional week it is late.

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- Papers are considered late if they are turned in after I have graded the other students' papers.
- Put late assignments in the "papers that are zeroes in the grade book" assignment basket.

LATE LABS
- Labs turned in after the class's notebooks have been graded will be worth half credit.

LEAVING THE CLASSROOM
- If you need to leave the classroom, you must tell me where you are going unless you are having a medical emergency.
- You can tell me before class or as you are leaving. You cannot just leave class without letting me know where you are going. This is not okay.

LETTERS OF RECOMMENDATION
- I am always willing to write letters of recommendation for students. Please give me at least 2 weeks notice. I will need you to answer the following questions. Your answers will be used to write your letter.
    - What is the dumbest thing you have ever done and what did you learn from it?
    - What is the best thing you have ever done for someone else?
    - What is the best thing you have ever done for yourself?
    - What is one trait that successful people have? Why?
    - What have you had to give up or overcome to reach your goals?

Buffet Scholarship Applications require additional information. You must set up a time for me to talk with you.

LOCKERS
- Please get a locker so you do not have to carry your whole life with you to every class. Plus, your chemistry binder will be gigantic. If you would like a locker near room 120, request lockers 1076 to 1121 in the 100 hallway.

LYSOL, WET WIPES, PAPER TOWELS, KLEENEX
- If you are sick, please spray down your area before you leave with Lysol. You also may use Lysol to spray down your area when you arrive.
- If you make a mess on your table, please use the wet wipes/paper towels to wipe down your table before you leave.
- Please blow your nose as often as needed.

MATERIALS NEEDED
Each student needs to bring one gallon of distilled water, 1 roll of paper towels, and one small bottle of dawn dish soap. for use in laboratory activities. If this causes some sort of financial hardship, please talk to Ms. Klein immediately.

For individual use, students need to bring…
- **3 inch Three-Ring Binder**
- **2 Single Subject (70 sheets) College Rule Notebook used exclusively for lab safety notes and laboratory activities.**
- **Dividers (16-20)** plus tabs or post it notes
- Blue, black, green, red, purple pens, pencil with eraser (I use G-2 0.7 Pens in a multitude of colors.)
- Scientific calculator
- Loose-leaf paper
- Reinforcement Rings for loose-leaf paper.
- **Appropriate attire for labs and activities plus a facemask for labs that emit fumes**.

*Items in **bold** are absolutely required!*

MISSING LAB
- You will copy the lab into your notebook. See example on p. 19.
- You will write a five-paragraph essay with three cited sources on a subject pertaining to the lab.
  SEE under CITATIONS to see what a citation is.
- You will forward links of your sources to Ms. Klein via email.
- ChatGPT does not cite actual sources. The style of writing used by ChatGPT is very much like reading a manual for a piece of electronic equipment….which means it is boring and fairly easy to identify. It is okay to use ChatGPT for a rough draft/outline, but you need to add in actual sources as well as rewriting the whole paper to humanize the writing style. Please acknowledge the use of ChatGPT as the creator of your rough draft/outline to avoid plagiarism.

PAPERS HANDED IN:

- Papers need to be labeled with name, date, class period, and title of assignment or page number.
- Papers need to be put in the basket labeled for your period. Tests and quizzes go below the orange paper. Labs, essays, etc. go above the orange paper.
- Put your paper on top of the pile. Do NOT mix it in with other papers. If your paper is found mixed in with another assignment you will lose 10 points.
- Papers without a name will be thrown into the checked paper box unchecked.
- I prefer not to receive electronic documents. If you cannot print, email the paper to a classmate to have them print it for you. Electronic documents automatically lose 5 points.
- Each student must hand in their own work (unless specifically told otherwise), even when working in groups.
  If only one paper is handed in per group, the grade will be divided among the group members.

PASSES

- Passes from the office and other teachers go on the pass collector on the small desk. Do not bring them to me at the large desk.
- There are three kinds of passes.
  - Salmon Colored: These are passes TO Ms. Klein's class. Please take one if you need to come in early.
  - Goldenrod Colored: These are passes FROM Ms. Klein's class. Please take one if you need a pass to the next class because you lost track of time.

PERSONAL LISTENING DEVICES (Ear Phones/Buds/iBuds)

- Personal listening devices are NOT allowed….EVER. If you are caught using them, I will confiscate them. Your parent/guardian is welcome to come pick them up for you. Please give me 24 hours notice if your parents are coming to pick them up, so that I can get your ear buds up to the office. Otherwise, I will hold on to them until you graduate at which time they will be returned to you on your last day of school when you show me your graduation check out sheet.

PLAGARISM

- Using someone else's work (human or AI) without giving them credit is plagiarism. If you plagiarize another person's or site's work, you will lose points. The person who allowed you to plagiarize will also lose points.
- You will also forfeit all make-up accountability points and no longer be allowed to make-up accountability points.

POLICE YOUR CLASSMATES

- Help keep the classroom neat and tidy. Remind your classmates to clean up after themselves when they don't.
- There are many safety rules. Help your classmates follow those rules by reminding them about following them when they are not.
- There are lots of supplies and materials available for you to use. Remind your classmates to treat the supplies with respect and to return them to the appropriate place. \
- Ms. Klein needs your help to keep things in shape. Do your part to help will make class run smoothly and Ms. Klein happy.

PROJECT, ASSIGNEMENT, LAB ALTERNATIVES

- In an effort to accommodate each student, I am happy to consider alternatives to any project, lab activity, or other assigned project.
- Alternative projects will be…
  - Student generated.
  - Equal in length to the original assignment.
  - Will be completed in the same time frame.
  - Cover the same material/concepts
- Proposing an alternative project does not guarantee acceptance of proposal.

READING

- Students are expected to commit at least 30 minutes every week to reading chemistry related materials.
- Students are expected to read the chapter. Time will often be given at the end of the period for students to work on chemistry. This time should be used for reading the chapter and labs, working on problems and

vocabulary, and asking questions. If students do not finish reading the chapter in class, they should read the rest at home.

RESTROOM USE DURING CLASS TIME

- Students are always allowed to use the restroom whenever needed.
- Students will be given two passes at the beginning of the semester to the restroom to use as needed.
- If students do not use their restroom passes, they can turn them in at the end of the semester for 5 bonus points/pass on the semester test.
- Passes do not carry over to the next semester.

SCIENCE HONOR CORD

- Student who take four Honors level science classes or five science classes and have a 3.70 average GPA in those science classes will be eligible to apply for a science honor cord to wear at graduation.

SCIENTIFIC NOTATION

- You must know how to put scientific notation into your calculator. This is something that comes up over and over throughout the entire year of chemistry. If you cannot remember how to do this, please write down the steps and tape it on the inside of your binder.

SUBSTITUTE TEACHERS

- Few people are more important in this school than substitute teachers. You are expected to treat them with the utmost respect. Reports of poor behavior will be met with consequences.

TARDIES

- Tardiness is against school rules. A student who is not in his/her seat when the bell rings will be counted tardy.
- However, I understand that many of you have numerous responsibilities in the morning, sometimes cars do not start….sometimes life just doesn't go our way. I understand. Please get to class just as fast as you can.

TEST DAYS

- On test day, students are not allowed to bring anything into the room except a scientific calculator, and a writing utensil on test days. No backpacks!! Bulky and loose fitting clothing is not allowed, specifically no sweaters, sweatshirts, jackets, or layered clothing. T-shirts or thin material shirts are expected. Sleeves must be pushed up to the elbows. Cell phones, Apple watches (or any watches/anything on your wrists), iPads, laptops, or any other devices (electronic or otherwise) are not allowed in the room. No lanyards. Pockets must be pulled out. Failure to follow these very specific rules will result in a .1 on the test.
- Be careful not to throw your bags against the wall and scuff up/damage the wall.

TRASH

- Trash goes in the trash can. Do not put trash in the supply tubs or plants. There are 9 trash cans in this classroom. There is no excuse for not putting trash in the trash can. Points will be lost by all students if trash is found in plants. Points will be lost by everyone that sits at a table if trash is found in the tubs.

TRIPLE BEAM BALANCE

The ability to use the triple beam balance is essential to your success in chemistry lab. Below I give a brief overview of the directions. There is a packet you must completed by Chemistry I students before our first lab.

- Triple beam balances are always read to ***two decimal places***. ALWAYS!!
- Always zero your triple beam before using it.
- Check to be sure your balance is not "sticking". If it is sticking, bring it to Ms. Klein and go get a different balance.
- When massing an object, always start with the heaviest mass and work towards the smallest.
    - Remember to read your final answer to ***two decimal places.***
- To mass out a X amount of material, here is the procedure…
    - Mass the weighing dish.
    - The add X to the mass of the weighing dish. Move the slides on the balance to match the total.
    - Slowly add the material to the weighing dish until it is balanced.
    - Throw the weighing dish away at the end of the lab unless specifically told to do otherwise.
- Once you start to mass material…remember the arm only goes down and not up.

TUBS and MARKERS/COLORED PENCIL BOXES

- There are tubs of material on each table. Materials include scissors, erasers, post it notes, glue, tape, half-sheets of paper, paper clips, etc. You are welcome to use these materials. If you should use the last of an

item let Ms. Klein know so that she can replace it. Do NOT put trash in these tubs. Please keep the tubs neat and tidy.
- If you do not take care of the tubs, they will be put away.
- There are boxes of markers and colored pencils for students to use on the bookcase. Please do not put trash or pencil shavings in these boxes. If a marker runs dry or is not writing well, please throw it away.

WATER BOTTLES
- No metal water bottles are allowed.
- No gallon jugs of drinking water are allowed.
- No water bottles on lab days.

WASHING GLASSWARE
- Always wash out glassware with soap and water. Then give the glassware a final rinse with distilled water.
- Do NOT dry glassware after it is rinsed with distilled water.
- Do NOT set glassware on the lip of the sink for any reason! This is the biggest cause fo breakage. You will pay for any glassware that is broken if was set on the lip of the sink and then it was knocked off.
- Copy the underlined statement five times and turn it in by the second Monday of school.

WRONG ANSWER (MISSED)
- It is hard to get everything checked exactly right and sometimes I make a mistake.
- If I count something wrong on your paper and not wrong on someone else's paper, be sure to let me know so I can take the points off that person's paper, too.

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PROCEDURES FOR ASSIGNMENTS (*YOU BETTER READ THIS!!!!)*

Always label your papers with your Name and Period.

Use your best handwriting. Difficult to read handwriting will receive a zero. Handwriting that is so light that it is hard to read will also be given a zero.

Do not crowd your work together. Loose-leaf paper is not expensive. Buy and use it generously. We also have loose-leaf paper available in the classroom. NO "FUZZY" NOTEBOOK PAPER!

Put your papers in your binder. Do not leave papers loose to be crumpled and torn. Points will be deducted for papers that are crumpled, torn, stained, etc.

Binders that have loose papers will not be graded. NO LOOSE PAPERS!!!

Do NOT put your safety notebook, lab notebook, and/or planner in your binder.

Put your cheat sheets all together in one plastic. Cheat sheets will be reused throughout the entire year. Keeping them organized and easy to find is a key to success in chemistry. Cheat sheets are to be stored at the front of your binder.

Three-hole punch all worksheets and put them in your binder. ***Do a practice punch to be sure all the holes line up with your binder!!***

If the circles on pages tear, use reinforcing circles.

A divider will separate each chapter.

Put a book cover on your book if you choose to check one out.

You must have a single subject spiral notebook (70 sheets) for safety (Usually, this type of notebook sales for $.45 at Wal-Mart.). NO EXCEPTIONS!! NO DEVIATIONS!! Clearly label the notebook: Chemistry Safety Notebook. Only write on the front side of the papers. Write the date. Skip a line. Write the number of the rule and then the rule. Skip a line. Write the reason why it is important. Skip two lines. Keep a copy of the safety rules in your safety notebook. Please see Ms. Klein's example if you have questions. If other work is found in your safety notebook, you will receive a zero. You can continue in the same notebook if you take Chemistry II.

PLANNER

Students are required to fill out their planner every week when the plan is put up. Usually the plan is ready on Monday, sometimes it will be ready before and sometimes after. Major project due dates are to be entered ASAP. There will be planner checks. If you do not have your planner or do not have it filled out, you will receive a .1. Please clearly label your planner with your name. Label each week with the week number as well for full credit. The week count starts over at the beginning of second semester.

Failure to follow these very specific directions will result in a .1 on your Student Conferences.

Vocabulary: Students will handwrite all vocabulary words on loose-leaf paper. Do not put your vocabulary in a notebook this is not acceptable. Vocabulary that is not numbered is not acceptable. Summarizing definitions is not acceptable. Use the following format.

Chapter 1 Vocabulary

(skip a line)

1. chemistry-the study of the composition, structure, and properties of matter, the processes that matter undergoes, and the energy changes that accompany these processes.

(skip a line)

2. chemical-any substance that has a definite composition

Assessment: Students will handwrite all Assessments on loose-leaf paper. Do not use a notebook. Always show your work for problems. Do not crowd your work together. Using the following format…

Chapter 1 Assessments

(skip a line)

1.1, p. 29
(skip a line)

1.
(skip a line)

2.
(skip a line)
(skip a line)

1.2, p. 40
(skip a line)

1.
(skip a line)

2.
(skip a line)
(skip a line)

1.3, p. 55
(skip a line)

1.
(skip a line)

2.
(skip a line)
(skip a line)

Practice Problems: Students will handwrite all Practices on loose-leaf paper. Always show your work. The answers to the practice problems are available in the book. You must show your work to receive credit. Put a box around your answer if it is a math problem. Notice that the practice are separated by STARS. Do not crowd your work together. Use the following format…

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Chapter 2 Practice Problems
Show ALL Your Work!!

(skip a line)

***1.1, p. 38
(skip a line)

1.
(skip a line)

2.
(skip a line)
(skip a line)

***1.2, p. 40
(skip a line)

1.
(skip a line)

2.
(skip a line)

3.
(skip a line)
(skip a line)

***1.4, p. 43
(skip a line)

1.
(skip a line)

2.
(skip a line)
(skip a line)

***1.5, p. 46
(skip a line)

1.
(skip a line)

2.

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LAB SAFETY

We will be performing laboratory experiments throughout the year, and certain safety requirements must be followed. *You will be allowed to perform labs as long as you follow the safety procedures and any other additional procedures and safety rules dictated to you over the course of the year.*

I allow students to participate in labs if they:

1. Waft a chemical only when asked to do so. Never taste or directly smell a chemical. (This will avoid burns to the nose and throat). Wear a face mask during labs that emit fumes.
2. ALWAYS wear goggles and other safety equipment when directed to do so. (This will preserve your sight)
3. Tie back long hair during lab days (this prevents your from catching on fire!)
4. Wear clothing that does not dangle down from the arms or roll up your sleeves. (This helps to prevent burns from chemicals and from fire)
5. Wear clothing that will not melt during fire experiments. (For example, do not wear tracksuits, fake leather, etc.)
6. Wear close-toed shoes. (This prevents acid or base burns to your feet and prevents allergic reactions to chemicals dropped during a lab).
7. Wear long pants on lab day, not shorts, leggings or skirts on lab days. (This prevents burns from chemicals and fire)
8. Behave cautiously and appropriately in the classroom.
9. Report only real injuries or medical conditions/problems
10. Keep pipettes pointed away from all people. Chemicals can spray out accidentally.
11. Perform only those experiments you are directed by your teacher to perform.
12. Report accidents and broken equipment to the teacher immediately
13. Return all equipment or supplies to their proper location.
14. Use faucets and gas jets only when asked to do so.
15. Keep your hands away from your face, mouth, and eyes during lab.
16. Clean the table and other lab areas with cleaning spray and paper towels after cleaning up your supplies.
    a. The room should be as clean as or cleaner than it was before you did the lab.
17. Wash hands before leaving lab

If you wear contacts, it is highly recommended that you remove them for lab days and wear glasses instead. <u>Contacts, especially soft contacts, hold in chemicals and fumes, which can be irritating or damaging to the eye. These are worn at the student's and the student's parents' risk. The choice whether a student wears contacts during lab is left up to the parent of the student.</u>

Students who are or become pregnant during the course of the school-year should report this condition to their science teachers because some chemicals should be avoided. Alternative activities may be assigned to pregnant students. The student's information will be kept confidential.

FAILURE TO WEAR THE PROTECTIVE CLOTHING INDICATED MAY RESULT IN SKIN IRRITATION OR INJURY! Furthermore, you understand that there is a possibility that your clothes may be damaged during lab. Please dress appropriately for chemistry class.

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Tenative List of Labs/Activities

Week 1	Triple Beam Balance Lab
Chapter 1	Candle Observation Lab
Chapter 2	Gold Penny Lab
Chapter 3	Significant Figures Lab Density Lab
Chapter 4	Conductivity Lab
Chapter 5	Nomenclature Go-Fish Fast Nomenclature Hydrate Lab
Chapter 6	Percent Sugar Lab Obscertainers Composition of Hydrate Lab] Percent Brass Lab
Chapter 7	Sunset in a Bag
Chapter 8	Solubility Lab Iron (II)/Iron (III) Lab Precipitation Reactions Lab
Chapter 9	Cu-Ag Lab Balloon Lab Funnel Lab
Chapter 10	Calorimeter Hess's Law Lab
Chapter 11	Line Emission Lab Flame Test (Demonstration)
Chapter 12	VSEPR Activity
Chapter 13	Gas Pressure Lab New Gas Law Lab
Chapter 14	Heat of Fusion Jacob's Ladder
Chapter 15	Supersaturated Lab

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Example of Missed Lab Essay

Student Name
Period
Date

Specific Heat

Almost everyone has boiled water, warmed something up in the microwave, or turned on the heater in their house. Although all of these things are being heated, or obtaining more energy, it takes them different amounts of time and heat-level to reach the temperature you want. So, why do certain substances require more energy than others to heat up to the desired temperature? The answer is that they all have different specific heat capacities. To begin, a discussion will be opened over the history of specific heat capacity. Furthermore, it will be more thoroughly described and defined, before finally getting to its uses and importance in chemistry.

Specific heat capacity, often abbreviated as 'c', has a very interesting history. It was first noted in the 18th century by Scottish scientist Joseph Black (Britannica Encyclopedia 2021). He first noticed it when he noticed that "equal masses of different substances needed different amounts of heat to raise them through the same temperature interval" (Britannica Encyclopedia 2021). Essentially, this means that it took more heat for some substances to get to a desired temperature than it did for others. From this observation, he created what is now known as specific heat capacity.

Now that the history is out of the way, what exactly is specific heat capacity? According to Helmenstine in 2023, specific heat capacity is defined as "the amount of heat energy required to raise the temperature of a substance per unit of mass." Most, if not all, substances have different specific heat capacities. This means that generally, each substance will require different amounts of heat to reach the same temperature. The higher the specific heat capacity is, the higher amount of heat, or energy, it requires.

Finally, what are the uses and purposes of specific heat capacity, and what can one do with it? Although this topic may seem obscure and something you don't see and-or use very often, it's extremely common in day-to-day life. For example, wood is used for houses because of its specific heat and handles on utensils are often made with something with a high specific heat to protect our hand when using them (GeeksforGeeks 2022). It can also be used to discover the amount of energy needed to cause a change in temperature of a certain substance using the formula $Q=mc\Delta T$.

In conclusion, specific heat capacity is something that everyone comes across daily. It has a fairly short, but very important history, which then lets it be easily defined. Finally, it can be seen how prevalent it is in today's world even outside of chemistry. Specific heat capacity is something that is important to the daily lives of pretty much everyone. Next time you're boiling a cup of water, think about how much less energy you would need if it was oil.

Works Cited

Britannica, T. Editors of Encyclopaedia (2021, November 22). specific heat. Encyclopedia Britannica. https://www.britannica.com/science/specific-heat

GeeksforGeeks. (2022, September 22). Specific heat capacity - formulas, uses, example, and faqs. GeeksforGeeks. Retrieved April 14, 2023, from https://www.geeksforgeeks.org/specific-heat-capacity/

Helmenstine, Anne Marie, Ph.D. (2023, April 5). Specific Heat Capacity in Chemistry. Retrieved from https://www.thoughtco.com/definition-of-specific-heat-capacity-605672Lab Essay

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What does Ms. Klein do to help students learn chemistry?

Ms. Klein has carefully gone through every chapter making notes and finding worksheets relevant to material covered in the book. She revises the notes every summer as well as doing further research on topics that will be covered. Ms. Klein also talks to past chemistry students who have taken chemistry in college to find out how college chemistry went for them and where improvements could be made in her own curriculum.

Students are given all the papers (with the occasional additional paper added) they will need for the semester. This includes notes, labs, practices, reviews, cheat sheets, etc.

Students are given the plan for the week and possibly the whole chapter. Students know when practices are due, when quizzes and tests will happen, as well as when labs are. There are no surprises in Ms. Klein's class. Ms. Klein can often tell students what they will be covering in several weeks in advance if needed.

Ms. Klein goes over the notes with the students using color-coding to add additional information. All information that students will be tested on is noted in red.

She also encourages students to spend 15 minutes five days a week studying chemistry rather than trying to cram all their studying in the night before the test.

Students are given cheat sheets with formulas and other important information that they are allowed to use on tests and quizzes.

Ms. Klein gives students practice problems similar to those that are on the test. Students go over the answers in class. Ms. Klein will work any practice problem with a student if asked.

Ms. Klein gives quizzes with problems similar to test that give students opportunities to gage their readiness. Students are given their checked quizzes to study for the test.

Ms. Klein is available to help students after school (except on the last day of the week), and during homeroom. If these times do not work for a student, she is willing to meet in the evening, weekends, etc. She is willing to host student initiated study sessions the evening before a test or even on Sundays. Students simply need to ask for help and she will work with them to find a time.

Ms. Klein is available to help students in the evening via email.

If students feel they need additional time on the test, Ms. Klein is always willing to come in early on test day to allow students to take the test early with extended time.

Ms. Klein is always willing to work with students. All reasonable requests are thoughtfully considered. Students simply must ask for help and she will work to meet them where they are if at all possible.

Here are some questions to consider if you do not have the grade you want in chemistry.

Do you come to class ready to learn?

Do you bring all your materials you need every day?

Do you use your planner to keep track of what is happening in class?

Do you make a personal plan for every chapter?

Do you make a plan when you are going to be gone?

Do you keep up on your safeties? Do you have a dedicated notebook for safeties?

Do you spend 15 minutes reviewing your chemistry notes at least five days a week?

Do you follow all the rules and directions in the syllabus?

Do you color code your notes?

Do you keep all your cheat sheets together in your plastic?

Do you know how to use a scientific calculator?

Do you know how to put scientific notation into your calculator?

Do you know how to use the periodic table?

Do you use your class time wisely?

Do you work on problems when given time in class?

Do you do your practices and other assignments? …on time?

Do you actually do your practices yourself and show your work?

Do you ask questions when you do not understand a problem?

When you have a question, do you ask Ms. Klein or do you ask your friends?

Do you read the labs beforehand? Do you read your labs for understanding so that you know what observation must be made? Do you make a plan with your table before lab day?

Do you go to tutoring, come in early and/or stay late for extra help?

Do you make every effort to be in class every day?

Do you use your quizzes to study for tests?

Do you fill out your review as we cover the material?

Is chemistry a priority in your life?

Zoom Meeting Rules

- Be dressed appropriately for school.
- Eat and use the restroom before the meeting begins.
- Let family members and visitors know you are zooming.
- Be sitting in a chair at a table/desk. If possible, have a wall behind you.
- No uninvited guests.
- Have the needed supplies. Scientific calculator, pens/pencils, printed copies of the notes, worksheets, cheat sheets, etc.
- Arrive on time to your meeting.
- If you are having problems connecting, contact the teacher by email ASAP; or let a peer in the class know so they can tell the teacher.
- Turn on your camera and be visible on camera.
- Do not change your background once the meeting begins.
- Mute yourself when others are speaking.
- Use the “hi hand” to let the teacher know you have a question.
- Use the “thumbs up” to let the teacher know you understand.
- No non-class related chats.
- No recording of class without permission.
- You are in school during your Zoom Meeting, behave accordingly.

Communicate with your teacher if you are having problems or need help. They cannot help you if they do not know you need help.

STUDENT AND PARENT CONSENT/ACKNOWLEDGEMENT for MS. KLEIN'S CLASS

STUDENT'S NAME:

If you are taking Chemistry I, you must have your Algebra II teacher initial here.
This student is currently enrolled in or has passed Algebra II. Algebra II teacher's Initials**: _____**

My highest Math MAP score is _____. My most recent Math MAP score is _____
(Get this score from Ms. Rosner, or Ms. Grontorad

After you have carefully read all parts of Ms. Klein's Chemistry/H-Chemistry I/H-Chemistry II Course Syllabus and do not have any questions, print and sign your name below. Next, you will need to take this home and review and explain it to your parent or guardian. Please have this form returned by class time the third Friday in August.

_____ _____
Student – sign Parent – sign

_____ _____
Date Date

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