



Dearborn High School
19501 West Outer Dr.
Dearborn, MI 48124
Principal Adam Martin

Mrs. Caitlin Johnson
Science Teacher
Room D-12, D-10, D-9
Hours: 1(H), 2(H), 3, 4, 6 Prep:5
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<https://iblog.dearbornschools.org/johnsonchem/>

Chemistry A and Honors Chemistry A

Course Description and Goals

This is a rigorous physical science, lab based course. By the completion of this course students will be able to: identify the structure and properties of matter; use models to demonstrate an understanding of the properties of matter and the energy changes associated with changes in matter; read, understand, interpret, and evaluate scientific writing, and qualitative/quantitative information in chemical formulas and equations; relate chemistry to important real world issues and understand their own impact.

Overview of Topics

Mathematical Review
Measurements
Atomic Theory
Nuclear Chemistry
Energy

Claim Evidence Reasoning
Properties of Matter
Periodic Table
Compounds
Bonding

Next Generation Science Standards HS-PS1-1, HS-PS1-3, HS-PS1-8, HS-PS2-8, and engineering cross cutting concepts

Required Materials

1. Textbook, a home copy and a class copy will be provided. Replacement cost \$85
2. three ring binder
3. Pens (blue/black) and pencils
4. 2 correcting utensils
5. Graph paper
6. Plain copy paper
7. Scientific NOT graphing calculator
8. post-its/sticky notes
9. Dry erase marker
10. Planner
11. Access to the internet

Distribution of Credit

- **Summative assessments** which include tests, quizzes, labs and projects are worth **80%** of the grade.
- **Formative assessments**, which include homework, classwork and participation (including bellwork and exit tickets) are worth **20%** of the grade.

Tests/Quizzes: All tests will be announced at least a week in advance. It is important to be studying every night, I encourage you to do so by going over any of your classwork/notes for the day as well as looking over your homework when you complete it as opposed to just sticking it back in your binder immediately. Make a note to ask questions at the start of the next class. Quizzes will generally be announced but I reserve the right to administer pop quizzes.

Labs: Chemistry is a hands on science, we will not always be 'blowing something up' but we will do lab based activities frequently, you will be graded on your participation during class, the questions asked during the lab, data collected, and research questions done at home.

Homework/Classwork: You will have daily homework and classwork. Your bellwork will be stamped each day, to receive full credit you will need to have a stamp on each entry. You will receive partial credit if the bellwork is completed but not stamped. I sign/stamp bellwork within the first 5 minutes of class. Homework is almost always graded for completion. Even if you are not sure if you are doing the assigned work correctly always attempt it! All classwork and homework is due Mondays with the packet. Often times I will sign homework the day after it is assigned, without a signature it is only worth up to 75% credit.

Grading Scale

A	100% - 93%	C	76% - 73%
A-	92% - 90%	C-	72% - 70%
B+	89% - 87%	D+	69% - 67%
B	86% - 83%	D	66% - 63%
B-	82% - 80%	D-	62% - 60%
C+	79% - 77%	F	59% - 0%

*rounding is at the discretion of the instructor

Attendance Policy and Make-up Work

Students are expected to be present daily and on time. All assignments will be posted on my iBlog. All handouts will be available in the absent work file box. If you do not obtain make up work within 3 days of your absence you will NOT receive full credit.


There will be no make-up work given for truancy or unexcused absences. It is the student's responsibility to make arrangements to make up tests and quizzes, if a time is not arranged 3 days after their return they may not make it up. Missed labs can not be made up, if you have an excused absence for a lab you may either get the data or an alternative assignment from me. Tardy Policy

Tardiness is not acceptable. I will allow any student with a valid pass entrance into my classroom and they will be able to make-up anything they missed. There will be no passes to go get your materials for class so please arrive ON TIME and PREPARED! I start class right at the bell, this may mean tardiness will result in missing an assignment, homework collection, or important class material.

Classroom Rules

All students are expected to behave like young adults and behave in accordance to DPS and DHS policy at all times, no exceptions.

1. I respect you, you respect me, you respect your peers.
2. NO electronic devices, I see it or hear it, I take it!
3. There are NO passes unless it is an EMERGENCY (all passes will be written in YOUR planner only)
4. Absolutely NO profanity or inappropriate language, I decide if it is inappropriate.
5. Be on time with proper materials
6. No eating or drinking of any sort. PLAIN water in a clear reusable bottle is OK
7. ALWAYS be in dress code
8. NEVER tell yourself or me 'I just can't do it'; 'I just don't get it' or any other variation of self doubt, if we work together you are ALL capable chemists! You must always TRY!
9. NEVER open the door unless I have given you explicit permission, even if you recognize the person at the door.



Dearborn Public Schools accept a parent's assertion that he or she needs language assistance without requiring additional corroboration. For free help with understanding the content of this document, please call the Student Services office 827-3005 for translation/interpretation Assistance.

Arabic: تؤكد مدارس ديربورن على توفير خدمات الترجمة بدون أي شرط للحصول على هذه الخدمة المجانية ولفهم هذه الإستمارة يرجى الإتصال بمكتب خدمات الطلاب على الرقم 827-3005

French: Les écoles de Dearborn vous offrent le service de traduction sans aucune condition. Si vous souhaitez avoir le service gratuit pour comprendre le contenu de ce document, prière d'appeler le bureau de Services aux Etudiants 827-3005.

Spanish: Las escuelas de Dearborn aceptan la afirmación de un padre que él o ella necesita ayuda con el idioma sin necesidad de corroboración adicional. Para obtener ayuda gratuita con la comprensión del contenido de este documento, por favor llame a la oficina de Servicios de los Estudiantes 827-3005 para recibir asistencia de traducción / interpretación.

Italian: Scuole Dearborn accettare l'affermazione di un genitore che lui o lei ha bisogno di assistenza lingua senza bisogno di ulteriori conferme. Per aiuto con la comprensione del contenuto di questo documento, si prega di chiamare l'ufficio Student Services 827-3005 per la traduzione / interpretazione di assistenza.

Albanian: Shkollat DEARBORN pranojnë pohimin e të prindërve që ai ose ajo ka nevojë për ndihmë të gjuhës pa kërkuar vërtetim shtesë. Për ndihmë lirë me kuptuar përmbajtjen e këtij dokumenti, ju lutemi telefononi zyren e shërbimeve për studentë 827-3005 për përkthim / interpretim ndihmë.

Romanian: Scolile orasului Dearborn accepta orice declaratie parinteasca care atesta nevoia copilul de asistenta cu limba engleza fara nici o dovada suplimentara. Daca aveti nevoie sa intelegeti acest document da-ti telefon la oficiul serviciilor scolare la numarul 827-3005 pentru a primi asistenta cu translatia sau interpretarea lui.

Urdu: گنیر بورن اسکولوں میں والدین کا دعویٰ ہے کہ وہ یا وہ اضافی تعاون کی ضرورت ہوتی ہے بغیر زبان امداد کی ضرورت ہے کہ قبول کرتے ہیں اس دستاویز کے مواد کو سمجھنے کے ساتھ مفت میں مدد کے لئے، براہ مہربانی مدد ترجمہ / تشریح کے لئے طالب علم کی خدمات کے دفتر کو کال کریں 827-3005