

MRS. MCFARLANE'S CHEMISTRY HONORS CLASS
Course Guidelines, Supplies, and Policies

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Text: MODERN CHEMISTRY - Holt McDougal

REQUIRED MATERIALS: Bring to class each day

- Black or blue ink pen and # 2 pencils
- Three- ringed binder (1"), college ruled loose leaf paper
- Dividers
- Highlighter
- Color pencils (small pack of 12 is good)
- **Scientific Calculator**
- 3 x 5 index cards

Course Description

Chemistry is the study of the properties of chemicals and the changes they can undergo. In this course we will look at topics such as the states of matter, atomic structure, the periodic table, and chemical equations and reactions. The theory will be reinforced by practical laboratory experiments.

Broward County Grading Scale	Grading Scale
90-100% = A 87-89% = B+ 80 -86 % = B 77-79% = C+ 70-76% = C 67-69% = D+ 60- 66% = D 0-59% = F	Tests & Quizzes 40% Labs /Projects 25% Classwork /Homework 20% Reading Activities 5% Participation 10%

BINDER: Every day you must bring your binder, pen, pencil, calculator and paper to class. The lab portfolio will be kept in the classroom. All work and other materials that will be handed out must be kept in the binder until the end of the semester (course).

You are required to have a notebook with the following sections(dividers):

Reference

Starters and Essential Vocabulary

Notes/Handouts

Labs/Reading Activities

Quizzes and Tests

HOMEWORK: Homework is **due at the beginning** of class on the assigned due date. Homework assignments should have all the corrections made during the class review. Students who were absent on the date the homework was assigned may have **TWO** extra days to turn in homework.

No late work will be accepted unless there are extenuating circumstances.

CLASS WORK: During class, students are expected to work in their seats alone, in pairs, or in designated groups - depending on the nature of the assignment. Grades for individual class work as well as group work will be determined by the participation and finished product.

LABWORK: All lab reports are due the day after the experiment is completed at the beginning of the period.

QUIZZES: There will be a **lot of announced and un-announced quizzes** during the course. These could be made up with an alternative assignment at the discretion of the teacher.

TESTS: There will be a **test at the end of every one or more major concepts**. Tests will be announced and listed on the class schedule. Any student who is in school the day of a test must take the test even if the student missed the review for the test. This means, that being absent the day before a test does not excuse a student from a scheduled test. Make-up time for missed tests is allowed the next class period or after school as arranged with the teacher. The missed test MUST BE MADE UP within the next 5 school days. Tests not made up within this time will be given a zero grade.

EXTRA CREDIT: Extra credit will be given for those students interested in peer tutoring, helping set up or trouble shoot laboratory equipment and organizing the classroom. Every student will be given the opportunity to earn this extra credit, if desired.

GENERAL INFORMATION: All school and county policies will be enforced in class. The following is a list of some important ones to remember.

- **Make-up Work:**
- 1. Make-up work is allowed for full credit and grade for excused absences.
- 2. Make-up work is allowed for unexcused absences. Teachers may, at their discretion, record a 10% reduction in the grade for tests and major projects that meet standards or proficiency. Teachers may also, at their discretion, record the lowest passing grade (e.g., "D" or "60") for homework, unless less than 50% of the work was successfully completed.
- 3. All make-up work must be submitted within two days, not including the day of return, for each day of an absence. Previously assigned work is due the day of return. Under extenuating circumstances and a teacher's discretion, additional time may be allowed.
- 4. Student is allowed to make up work missed during a suspension period.

- 5. Make-up work is due on the day of return from suspension.
- 6. Student is not allowed to participate in any school activities during the suspension period.

Laboratories will be made-up or alternative assignments will be given at the discretion of the teacher. The student is responsible for requesting this work, scheduling any make-up tests or labs and completing the work on time. If a student fails to appear for their scheduled make up, there will not be another opportunity to makeup the work. Any work not completed on time will be marked as a zero.

- **Tardiness:** Students are **expected to be at their desk** immediately after the bell rings. Students not inside the room when the period bell rings will be considered tardy and will be recorded as being tardy. Tardiness is disruptive to the learning environment and can have a negative impact on student achievement. Habitual tardiness is defined by Broward County Schools as: a consistent/repeated failure (five (5) or more times in a marking period) to be in place of instruction at the assigned time. The following consequences apply each nine-week period to UNEXCUSED tardies to any period. • Fifth Tardy: Verbal Warning • Sixth Tardy: Multiple Detentions • Seventh Tardy and beyond: Friday Detention
- **Attendance policy** - Students must attend school every day of the 180-day school year until their sixteenth birthday. Florida Statute 232.09 establishes that the parent/legal guardian of the child of compulsory age is responsible for the child's daily school attendance. School staff, parents, students, and appropriate state agencies are expected to work together to ensure that laws are obeyed, including, but not limited to, referral to the state designated agency for possible court action for truancy. Any student absent (excused or unexcused) more than two blocks/periods during a school day may not participate in after school activities on that day.
- **Field trips/forms:** Any forms needing a teacher signature or other information must be **handed to me before the class begins**. The forms will be returned at the end of the class. Students may not interrupt a class period to get a form signed. Students on a field trip are responsible for making arrangements with the teacher, before their trip, concerning work that will be missed.
- **Passes:** There will be **no passes** issued during the **first or last ten minutes** of class. Passes will be issued for emergencies only, recorded and signed in the student's own school agenda. Each students will be given 2 passes per quarter, passes not used can be turned in for extra credit.
- **Detentions and referrals:** Inappropriate classroom behavior will result in a Teacher detention after a student has been warned. Detentions will be served in the room assigned at a prearranged time. Students will be required to do tasks, such as cleaning boards, arranging books or materials in the classroom, cleaning lab equipment etc, assigned at the discretion of the teacher.
Serious and or repeated infractions will result in referrals to administration.
- **Help sessions:** **After school help sessions** will be available on **Monday, Tuesday and Thursdays** from 3:15 - 4:14 based on prior arrangements in Room 213 as assigned by the teacher. Students can also go to NHS after school tutoring sessions.

HONOR CODE

*Pompano Beach High School prides itself on preparing students for the rigors of college. It is therefore imperative that students do their own work so that they learn content accurately. The faculty expects academic integrity; therefore, **students must abide by the PBHS Honor Code** when they complete assignments, tests, quizzes, projects, and all other work, both in class and out. Every violation of the Honor Code will result in an **immediate referral** to administration.*

- **Cheating In Class:** Students caught cheating on tests, quizzes and other assignments will receive a zero for that assignment and will not be permitted to make up that assignment. Parents and students involved will be notified and this will result in a referral to Administration.

Examples of cheating offenses:

- * having a cheat sheet
- * copying from another student's test or homework assignment
- * talking during a quiz and/or test
- * Plagiarism
- * Text messaging answers during a quiz and/or test
- * downloading information from the internet during a quiz and/or test from an unauthorized electronic device such as a cell phone, pda, etc.

Any student giving information would be considered equally as guilty of cheating as a student receiving information

CLASSROOM CONDUCT

1. Follow the Student Code of conduct.
 2. Be Prepared!!
 3. Act with Integrity and Respect.
 4. Be Responsible and follow your teacher's instructions promptly and courteously
 5. Have a good ATTITUDE and work to your best ability!
- Discipline will consist of verbal warnings, parent notification, detention, and communication with coaches/club sponsors, etc. - depending on the offense.

The School Board of Broward County, Florida expressly prohibits bullying, including cyberbullying, by or towards any student or employee. See Policy 5.9: Anti-Bullying for additional information

Internet and Network Acceptable Use Policy

Rules

1. All use of telecommunication services and networks shall be consistent with the mission, goals, policies, and priorities of the school district.
2. Successful participation in a network requires that students regard it as a shared resource and conduct themselves in a responsible, safe, ethical, and legal manner while using the network.
3. Students who are exchanging communication with others outside the school are representing The School Board of Broward County, and should conduct themselves appropriately.

4. Student use of these services will be properly supervised and, to the extent reasonably possible, users of school sponsored telecommunication services and network shall be protected from harassment or unsafe, unwanted, or unsolicited contact.
5. To implement this Acceptable Use Policy, it is necessary that all users read and document in writing their understanding and willingness to comply with the "Code of Ethics for Computer Network and On-line Telecommunications Users."
6. Upon receipt of parental/guardian permission, students will be eligible to receive authorization from the school.

Code of Ethics for Computer Network and On-line Telecommunications Users

Students are expected to read and understand the following privileges, rights, and responsibilities when using a network in Broward County public schools.

1. Network use is a privilege and must support teaching, learning, and research.
2. Class assignments will have priority over other uses. The teacher will determine unlimited and open-ended use of telecommunications services or networks in terms of access time.
3. Students will be ultimately responsible for all activity under their account and password. The student shall use accounts only for the purposes specified. Use of an identity other than the student's own is prohibited.
4. Students will adhere to the rules of copyright regarding software, information, and the attribution of authorship. Re-posting communications of a personal nature, without the author's permission or bulletin board messages without proper attribution is prohibited.
5. Any use of telecommunication services or networks for illegal, inappropriate, obscene, or pornographic purposes shall be prohibited. Illegal activities shall be defined as a violation of local, state, and/or federal laws. Inappropriate use shall be defined as a violation of the intended use of the district's mission, goals, policies, or procedures. Obscenity and/or pornography shall be defined as a violation of generally accepted social standards for use of a publicly owned and operated communication vehicle, and as defined by School Board policy. Use of or engaging in offensive or inflammatory speech, profanity, or obscene language is not permitted at any time.
6. Hate mail, harassment, discriminatory remarks, and other antisocial behavior are not permitted.
7. Students shall not intentionally spread computer viruses, vandalize the data, infiltrate systems, damage hardware or software, or in any way disrupt the use of the network.
8. Any attempts to degrade or disrupt system performance may be viewed as criminal activity in accordance with applicable state and federal law.
9. Student generated files are the property of the School Board and may be accessed by appropriate authorized system personnel.

Students who knowingly violate any of the Acceptable Use Provisions or Code of Ethics for Computer Network and On-line Telecommunications Users **will** receive disciplinary action and/or may even be denied future access.

TENTATIVE SYLLABUS / Text: Modern Chemistry - Holt

UNIT	Content	Chapter	Section
Lab Skills and Safety	Safety Rules / Contract Safety Contract	pp.xviii-xxi	
	Lab Equipment / Demonstration and Quiz		
MATTER & MEASUREMENT	The Practice of Science, Properties of Matter, Elements	1	All
	Scientific Method, Scientific Measurement	2	All
ATOMIC STRUCTURE & MODELS	Atomic theory, Atom structure, Counting Atoms Atomic Models	3 4	All 1
NUCLEAR CHEMISTRY	The Nucleus, Radioactive Decay, Nuclear Radiation, fusion and Fission	21	All
PERIODICITY & BONDING	History of the Periodic Table, Electron Configuration, Periodic Properties	5	All
CHEMICAL BONDING	Covalent, Ionic Bonding, intermolecular forces	6	1-3,5
CHEMICAL FORMULAS & REACTIONS	Chemical Names and Formulas. Determining chemical formulas	7	1,4
	Chemical Equations and Reactions	8	1,2
STOICHIOMETRY	Stoichiometric Calculations, Limiting Reactant, Percent yield	9	All
STATES of MATTER	Kinetic Molecular Theory, Liquids, Solids, Changes of State,	10	1-4
ACIDS & BASES	Properties of Acids & Bases, Acid-Base Reactions	14	1,3
	pH, Titrations	15	1,2
REACTION ENERGY	Thermochemistry	16	1
REACTION KINETICS	Reaction Process, Reaction Rate	17	1, 2
CHEMISTRY & UNIFYING THEMES	Dynamic Equilibrium	18	1
	Carbon Diversity, renewable	22	1,2

	& non-renewable resources		
	Molecular Clocks	23	pg.762
	Biotechnology	32	Pg 774
	Environmental Impact	HndBk	

Student / Parent Acknowledgement Form 2018-2019

Return this page with the appropriate signatures on both sides of this page. Signatures on this form indicate that you have read and understood the : Student Laboratory Contract, Teacher Contact information, Class supplies list, Grading scale, Class Rules and Guidelines, and the Chemistry Syllabus.

Please include your son's or daughter's name, the telephone numbers where you can be reached during school hours (7 am - 4 pm), and any questions / concerns you may have . Please fill out the following information for my records. Please print clearly and return to me.

STUDENT PROFILE SHEET

Student Name: _____

Address: _____

Home Phone: _____

Parent/ Guardian 1

Parent/ Guardian 2

(Please indicate the preferred mode of contact)

Name: _____

Cell Phone#: _____

Email _____

I have read and understood all forms concerning Mrs. McFarlane's class including course guidelines, lab safety contract and PBHS Honor Code.

Student:

Print

Signature

Parent/Guardian:

Print

Signature

LABORATORY SAFETY CONTRACT

Please read and then return this page to me with the appropriate signatures, which indicate that you have read and understood the Student Laboratory Safety Contract.

STUDENT LABORATORY CONTRACT

I have been instructed in the safety procedures required in this course. I agree to abide by the following guidelines.

1. Safety apparel will be worn when specified by the instructor.
2. Long or loose hair will be tied back. Excessively loose clothing or jewelry will not be worn.
3. All safety rules and regulations will be followed.
4. There will be no eating or drinking in the laboratory.
5. Experiments will be done in the specified order with the prescribed materials or quantities of chemicals.
6. Only the materials and chemicals specified by the teacher will be used. No unauthorized experimentation will be done.
7. The proper use of safety equipment and correct evacuation procedures will be followed.
8. Wash hands thoroughly before beginning and after completing an experiment involving chemicals.
9. Contact lenses will not be worn during specified experiments.
10. Horseplay or other inappropriate behavior will not be tolerated during laboratory experiments.
11. Never taste chemicals or smell them directly.
12. Never pick up broken glass with bare hands.
13. Report all accidents, no matter how minor, to the teacher.
14. Do not remove any chemicals or equipment from the lab without the teacher's permission.

Failure to follow these guidelines may result in reduction in grade, disciplinary action, or exclusion from laboratory activities.

I understand these rules and policies and I understand that I will be expected to abide by them.

Student SIGNATURE

Parent/Guardian SIGNATURE

Student Name (Print)

Parent/Guardian Name (Print)