Ms. Hanh Bui 2015-2016 Chemistry

WHSAD

Dear Students and Guardians,

Welcome to an exciting new school year. I am thrilled to have the opportunity to work with you on demystifying chemistry. My goal is to empower you to become academically successful.

Included in this packet is the class syllabus. Please carefully read the syllabus and sign the indicated forms at the end of the packet in order to indicate your understanding and support of the classroom system. Please return the “teacher copy” back to me

To help us be organized, a list of essential items is listed in the packet. These materials must be brought to class daily. If obtaining these materials is a problem, please talk to me on an individual basis and we can work together to make other arrangements.

If you ever have any comments, questions or concerns, please feel free to email me at [bui@whsad.org](mailto:bui@whsad.org) or call me at the school at**,** or visit my website at http://www.whsad.org/

I am looking forward to a successful year!

Sincerely,

Buihonghanh

Ms. Bui

Chemistry Teacher

|  |  |
| --- | --- |
| CHEMISTRY | CODES: SCS21 |
| 2015-2016 SCHOOL YEAR | INSTRUCTOR: Ms. Bui |
| CLASSROOM: 510 | Email: bui@whsad.org |

**COURSE SYLLABUS**

*HARDWORK + DREAMS + DEDICATION = SUCCESS*

**Course Description:**

**Chemistry** is an introductory high school science course that includes a 1200-minute laboratory component and follows the New York State Physical Setting/Chemistry Core Curriculum Standards: <http://www.p12.nysed.gov/ciai/mst/pub/chemist.pdf>. This course does have a Regent Chemistry Exam that students can take in June.

Topics in this course will include: physical behaviors of matters, atomic concepts, periodicity, stoichiometry, moles, bonding, kinetics, organic chemistry, redox, acids and bases, and nuclear chemistry. In exploring chemistry, I hope that you will also develop the following:

* Integrate technology to expand your mind
* Develop scientific literacy
* Cultivate inquiry-based skill
* Improve evidence-based writing
* Enhance problem-solving skill

*Laboratory Requirement:*

Chemistry is best learned through a practical lens. As a result, in order to sit for the Chemistry Regent in June 2016, each student must have logged 1200 minutes of laboratory experiences and satisfactorily complete written reports detailing the laboratory investigation. Status of each student’s laboratory minutes will be posted online.

**Materials:**

Each student must bring the following to class each day:

* Composition Notebook (college rule) – dedicated to Chemistry
* Pencils
* Glue stick or student staplers (with staples)

**Textbook:**

Chemistry: The Physical Setting (2004)

A class set will remain in the classroom. Online access instruction will be provided during class.

**Rules and Expectations:**

Classroom rules are meant to promote a caring and supportive learning environment. There will be NO tolerance for any form of disrespect. All students will be required to contribute to the class’s discussion.

**Classroom Rules:**

* Come to Class Prepared
* Be Present and on Time
* Follow Instructions
* Respect
* Participate

School-wide rules and polices will be enforced.

**Grading Policy:**

1. Assessment – 40%
   1. Exams, Writing Tasks, Essays, and Projects – 30%
      1. Unit tests will be given at the end of each unit.
      2. Projects and writing tasks will also be given and counted as an assessment
   2. Quizzes – 10%
      1. Quizzes will be used to determine your understanding of the topics
2. Daily Student Work – 40%
   1. Classwork/Notebook – 30%
      1. All students must keep a chemistry-designated composition notebook (college-rule).
      2. Daily Notebook entries will include the following headings:
         1. Name
         2. Date
         3. Aim
         4. Do Now
      3. Notebooks will be collected and reviewed. Students will be graded based on the rubric (see attachment at the end of the packet).
      4. Laboratory Reports/Activities will be graded as classwork.
   2. Homework – 10%
      1. There is a minimum of 10 homework assignments per marking period. Homework will be posted on the board and on my website. Submit homework at the beginning of class in the homework bin.
3. Class Participation – 20% (see rubric attached)

**Assignments:**

* It is **your** responsibility to check in with Ms. Bui for all missing/makeup assignments.
* All assignments submitted without your full name (First and Last Name) will be **TRASHED**.
* Late work
  + Any student work turned in one day late will be subject to loss of 1 letter grade.
  + Any student work turned in two days late will be subject to loss of two letter grades.
  + Any student work turned in more than two days late will be subject to no credit. (Hint: Turn your work in *on time*.)

Extra Credits will be awarded and will be announced during class.

**Academic Honesty**

* Copying from other students is not allowed. Both students will lose credit.
* Students may work with one another but must submit all works in their own words.
* Lab data may be shared but the answers to questions and/or lab reports should be your own work.

**Classroom Procedures:**

**BATHROOM**

Per school policy, no bathroom passes will be allowed during the first and last ten minutes of any class period. If you need to use the restroom, raise your hand. I will silently acknowledge you with a yes or no. If you are allowed to use the restroom, simply get up, grab the bathroom pass, sign the bathroom log, and leave the room.

ABUSE of Privileges: If you are absent from the classroom for more than 10 minutes, your Classroom Participation grade will be negatively impacted.

**DISMISSAL**

I dismiss you, **not** the bell! Please remain in your seats until I say you may leave. I will always give you a late pass to your next class if I need to hold you over.

**CLASSROOM CULTURE**

Our classroom will be a positive learning environment where collaboration, teamwork and discovery is encouraged. Disruption of this culture will be recorded and submitted to the Assistant Principal.

**COMMUNICATION**

If you have any questions, contact me via email at bui[@whsad.org](mailto:hafer@whsad.org) or by phone at the school.

All assignments and information about the class will be posted on the WHSAD ([www.whsad.org](http://www.whsad.org)) website.

Student grades will be available on line at [www.skedula.com](http://www.skedula.com). See my website for more information.

**Course Overview (**may be subject to change**)**

|  |  |  |
| --- | --- | --- |
| **Unit** | **Description** | **Duration** |
| 1 | Atomic Concept | 15 days |
| 2 | The Periodic Table | 5 days |
| 3 | Moles and Calculations | 12 days |
| 4 | Chemical Bonding | 20 days |
| 5 | Physical Behavior of Matter | 30 days |
| 6 | Kinetics and Equilibrium | 15 days |
| 7 | Organic Chemistry | 15 days |
| 8 | Oxidation and Reduction | 15 days |
| 9 | Acids, Bases and Salts | 15 days |
| 10 | Nuclear Chemistry | 20 days |

**Classroom Classwork Rubric**

**30% of Total Grade**

Your classwork grade will be based on the following:

**OVERALL NOTEBOOK ORGANIZATION Points \_\_\_\_\_\_\_\_/25**

0-20% of daily classroom notes are organized to classroom standards -5 points

20--40% of daily classroom notes are organized to classroom standards -10 points

40-60% of daily classroom notes are organized to classroom standards -15 points

60-80% of daily classroom notes are organized to classroom standards -20 points

80-100% of daily classroom notes are organized to classroom standards -25 points

**DO NOWS Points \_\_\_\_\_\_\_\_/25**

0-20% of Do Nows are present and complete – 5 Points

20-40% of Do Nows are present and complete – 10 points

40-60% of Do Nows are present and complete – 15 points

60-80% of Do Nows are present and complete – 20 points

80-100% of Do Nows are present and complete – 25 points

**CLASS NOTES Points \_\_\_\_\_\_\_\_/25**

0-20% of class notes are present, complete and meet classroom standards – 5 Points

20-40% of class notes are present, complete and meet classroom standards – 10 points

40-60% of class notes are present, complete and meet classroom standards – 15 points

60-80% of class notes are present, complete and meet classroom standards – 20 points

80-100% of class notes are present, complete and meet classroom standards – 25 points

**COMPLETION OF INDEPENDENT STUDENT TASKS Points \_\_\_\_\_\_\_\_/25**

0-20% of independent student tasks are present, complete and corrected – 5 Points

20-40% of independent student tasks are present, complete and corrected – 10 points

40-60% of independent student tasks are present, complete and corrected – 15 points

60-80% of independent student tasks are present, complete and corrected – 20 points

80-100% of independent student tasks are present, complete and corrected – 25 points

**Total Classwork Points: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/100 total points**

**Participation Rubric**

**20% of Total Grade**

Your participation grade will be based on the following:

**90-100 points**– Come to class every day, on time, behave properly, always do your work, make an active and meaningful contribution to discussions and activities.

**75-89 points** – Come to class every day, on time, behave properly, always do your work, but don’t actively participate in discussions and activities.

**50-74 points** – Occasional Absence or lateness, inattentive or talking in class, sometimes don’t do your work, have nothing to say when called upon.

**25- 49 points**– Excessive unexcused absence and/or lateness, disruptive behavior in class, rarely or never do your work, never participate, negative or uncaring attitude, immaturity, hostility.

**Total Participation Points: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/100 total points**

Student Partnership Contract for Chemistry

School Year 2015/2016

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I have read the classroom rules and requirements for the Science Department. I understand the rules and requirements and will honor them for the 2015/2016 School Year.**

Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

**STUDENT COPY**

*This goes in the FRONT of your composition notebook*

Student Partnership Contract for Chemistry

School Year 2015/2016

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

**TEACHER COPY**

# PARENT/GUARDIAN SURVEY

Hello! My name is Ms. Bui and I will be your child Chemistry teacher this year. Thank you for completing this survey. The more information I have, the better we can work together to help your child do well in my class. **Please return this with your child.**

|  |
| --- |
| Your Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Your Child’s Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **You know your child best! Please tell me a little about him/her:**   1. What is your relationship to the student? (mother, father, aunt…)   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Please list their strengths (include as many as you can think of – academic, social, athletic, artistic, musical, etc.). What motivates your child?   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Please share any information I should know about your child (medications, conditions, special seat requirements, bathroom needs, allergies):   \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **And to facilitate our communication, please answer the following:**   1. Mode of communication:    1. Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_    2. Phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Time to call:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   Thank you! I look forward to communicating frequently and working closely with you this year!  ~ Ms. Bui |