**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Honors Chemistry Summer Assignment**

 I am excited that you have signed up to take Honors Chemistry! This honors class will include all the information presented in a Regents Chemistry class as well as a few introductory concepts from AP Chemistry, AP Biology, and AP Environmental (the courses you will select from the following years). Therefore, it would be very helpful to learn some basic chemistry and review basic algebra skills before class starts in September. The easiest way to do this is virtually using videos. We will break the assignment into 4 topics with a few short videos for each topic (5-10 minutes). During the videos you should take notes, pause, rewind, and review anything you need to. Throughout the video there will be questions to see if you understand the concept. If at any time you aren’t doing well and can’t master the concept, you can contact me through email or remind, or send a comment through the video.

Throughout the summer I will provide feedback about your effort on these assignments. The beauty of this assignment is that you can watch a video as many times as you need and at any time you wish. However, I recommend pacing yourself to make sure each topic is complete by its specific due date.

 To prepare for this assignment you must sign up for EDpuzzle and complete some simple forms. First, read the syllabus with a parent and sign it. Next, complete the survey. Then, complete the web quest to become comfortable with my website and the EDpuzzle website. Last, sign up for Remind to receive updates via text or email. **I would like the signed syllabus, survey and web quest completed along with all videos and the practice packet by the first week of classes**. The first topic’s videos will be posted at the end of June after all Regents exam are completed. If you lose any forms they can be found on my website [www.chemisme.com](http://www.chemisme.com) under *Honors Chemistry: Summer Assignment*. Email me with any questions at chemisme@gmail.com. Good luck!

-Ms. Drury

**Check List: Have you…**

* **Completed the web quest**
* **Signed up for the EDpuzzle Honors chemistry class**
* **Read and signed the syllabus with your parent**
* **Filled out the survey**
* **Signed up for Remind**

**HONORS CHEMISTRY SUMMER ASSIGNMENT**

[**www.chemisme.com**](http://www.chemisme.com) **Webquest**

Directions: Follow the instructions below and fill in the blanks below.

1. In chrome, go to [www.chemisme.com](http://www.chemisme.com) You will see the welcome page which you can read if you choose.
2. Click ***Honors Chem*** on the top link choices and then choose the first drop down option ***Summer Assignment.***
3. Navigate the page and list at least four types of materials you could access from this page :
	1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
	4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Navigate through the rest of the website and answer the following: What color are assignments written in for Honors Chemistry on the ***CALENDAR***? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. On almost any page you can click a link to EDpuzzle or go to [www.edpuzzle.com](http://www.edpuzzle.com)
6. If you have an EDpuzzle account already, sign in and skip to step 8. If not, go to step 7 to create an account.
7. Sign up for a new account by clicking “I’m a new student!” Read the options below and choose a log in:
	1. Sign in with Google: If you have a personal Gmail account this option is easier because it will leave you logged in and you will not have to apply your password every time you watch a video. Fill out the desired information.
	2. Sign up without Google: Fill out the information.
	3. Write down your log in information in a safe place!
8. Once you are logged in, select “Join a Class” on the left side of the page. Add the class code **domsalk**
9. Select the tutorial video assignment. Watch the video, take notes, and answer questions in the video. You will be graded on how well you answer the questions in the video.
10. When the video is finished, check the “progress” of the video to see how you did.

**Additional Information:**

1. Sign up for text or email reminders: go to [www.remind.com/join/hchemisme](http://www.remind.com/join/hchemisme) or text @hchemisme to 81010 and parents can sign up for their own remind using the code @pchemisme
2. Get the EdPuzzle App on your phones app store. It is free and easy to use!
3. Follow directions on the **CALENDAR** to add my calendar to your phone.
4. Follow directions on the home screen of chemisme.com to **CREATE AN APP FOR iPHONE.**

**Honors Chemistry Syllabus 2017-2018**

**The Flipped Classroom:** In class, students are exposed to new topics via lab and activities. At night, students watch a short video lecture for homework while taking notes and completing practice examples based on the video and Regents/Honors Exams. The next day in class, students will work together to review those concepts, evaluate their understanding, and address difficulties or common misconceptions.  Students then move on to complete critical thinking questions, hands-on activities, labs, debates, discussions etc. in collaborative groups.  This format allows more time in class for these hands-on activities which they can't do at home and additional time for difficult concepts that would be too hard to answer on their own, than a traditional classroom set up would. The class is student-centered since the teacher is a facilitator instead of a lecturer. But it puts a lot of responsibility on the student to remain engaged and work hard at home, much like a college course. As an educator, I want to ensure my students have the tools to make them college and career ready. With a flipped classroom, it allows students to begin to become more independent at home, while also giving me more time in class to work with them one on one. My instruction is more easily differentiated giving students more freedom to choose how they learn the material. In addition, students can access lectures and materials through my website at any time to review old concepts or make up work when they are absent. All handouts can be found on my website.

**Purpose:** This class is designed to teach all the skills that are required for the Regents chemistry exam as well as introduce them to topics in AP Chemistry, AP Biology and AP Environmental. It is a rigorous, math based class with a strong laboratory component. It is recommended that only students that are motivated and willing to commit a considerable amount of time to chemistry should take this class.

**Supplies:** Pencils and blue or black pens, three ring binder with loose leaf paper for notes and handouts, (additional folders may be good too), scientific or graphing calculator (preferably graphing and may be taken on loan from the math department).

**Grading Policies:**

* **Quizzes and Tests**: (60%) Two content exams and one cumulative exam will be administered every quarter. This is already twice the amount normal colleges have in a semester, which allows for wiggle room at our level. The tests will resemble the Regents Exam with both multiple choice and short answer questions. Missed tests must be made up within five class days; otherwise the grade becomes a zero. There are no test corrections for points back, bonus points, or re-tests. These need to be authentic exams to represent pure knowledge of the content. Quizzes (10%) will be given multiple times a week and will review current subtopics. They may or may not be announced ahead of time. Often the quizzes are questions from the homework and worksheets done in class. Quizzes will not be made up if you are absent. Instead, the top 10 quizzes out of all the quizzes will be counted; so missing quizzes can be dropped.
* **Homework/Classwork and Participation**: (25%) Video homework is due online by **12:00pm on the night listed on your schedule**. Any other late or incomplete homework assignments and videos **cannot** be made up for credit. Homework will greatly affect performances on the exams. I encourage students to start assignments early and bring in questions after school, or email me/chat me with questions, before the assignment is due. In addition, class credit depends on any notebook checks, attendance, punctuality, and participation. Students will also lose points if they are caught eating or drinking (except bottled water), late without a pass, cutting class, or not participating.
* **Labs:** (15%) Every lab will include pre-lab, data, and answers to the questions/calculations. Late labs for full credit will only be accepted if you are absent on the day it is due (it must be submitted the next day). Otherwise, late labs will lose 10% of the points for each day they are late. If a lab is marked incomplete, rewrite and resubmit the lab within two days or the grade will remain a zero. Make up labs must be completed within one week of the original lab date. Failure to complete the make up by that week will result in a zero for the lab. The Regents requires 30 hours of laboratory work. Therefore, all labs will be saved on file at school for the Regents. Finally, if a student is conducting unsafe lab practices they may be asked to sit out for the lab exercise and they will receive a zero for the assignment.

**Electronics:** Cellphones, iPods, tablets, and other electronic devices can aid in the instruction of students but unfortunately for the vast majority of students they become more of a distraction in class. Therefore, absolutely NO electronic devices other than calculators can be used in my classroom. If a student needs to be reached, a phone call to the school can be made and connected to my classroom phone. Every minute spent on your phone in class is a piece of knowledge you have lost.

**Review:** I will be available every day until 2:10. A chemistry review book is a great investment. Follow links on my website for the books I recommend. I also encourage you to form study groups to work on homework and extra questions together.

**Website:** I maintain a website in which lessons, worksheets, labs and other information is accessible. Please visit it at [chemisme.com](file:///C%3A%5CUsers%5Ckdrury%5CDropbox%5C1%20AP%20Chemistry%5CAP%20Unit%201%20Stoich%5CIntro%20to%20AP%5Cchemisme.weebly.com) . My email address is KDrury@wfsd.k12.ny.us Please feel free to contact me with any questions or concerns. Also sign up for Remind by following links on my website.

**STUDENTS and PARENTS:** If you would like to be contacted with updates about my class or grades please provide your name and email address by emailing me at KDrury@wfsd.k12.ny.us or filling out the form on [www.chemisme.com](http://www.chemisme.com)

I understand and will comply with the policies outlined above. I understand that if I am caught cheating in any way I will earn a zero for that assignment and a letter or phone call home will follow. Finally, I will fully commit to this class by putting in a conscious effort at all times.

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Student Signature Parent Signature Date

**Honors Chemistry Course Survey**

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

Earth Science Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Why are you enrolled in Honors chemistry? Check all that apply:

 ☐ I like chemistry and want to learn more

 ☐ I excelled in Earth science class

 ☐ My parents think I need to

 ☐ My guidance counselor told me to

 ☐ My friend(s) signed up and I want to be with them

 ☐ I thought it was just the next step, the class I have to take after chemistry

 ☐ Other: (Please elaborate) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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2. Are you prepared to commit much more time to this class than previous science classes? Please elaborate.

3. This is a pre-college level class. You are responsible for your own work and motivation. You will be treated like a college student as much as possible in order to prepare you for AP classes. What personal qualities do you have that make you prepared to take a pre-college level class?

4. What personal weaknesses do you feel you have that may make it difficult to handle a pre-college level class such as Honors Chemistry.

5. What is your personal goal for this Honors chemistry class?