



MRS. JENNIFER KEIL HONORS CHEMISTRY

WELCOME TO OPEN HOUSE!

**STARPOINT CENTRAL SCHOOL
DISTRICT**

MRS. JENNIFER KEIL HONORS CHEMISTRY



GOALS FOR THIS YEAR:

- 1) Get back to “DOING” science
- 2) Encourage students to be “present and in the moment” during science class
- 3) Reinforce a desire to do well and work hard

12 CHEMISTRY UNITS



1ST SEMESTER

- CHEMISTRY PROCESSES
- MATTER & ENERGY
- ATOMIC THEORY AND STRUCTURE
- THE PERIODIC TABLE
- CHEMICAL BONDING, NAMING AND FORMULAS
- MOLES

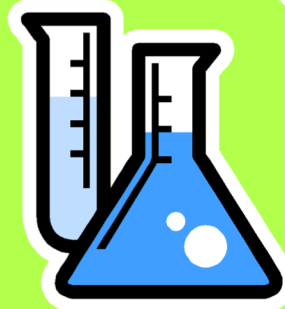
**MIDTERM WILL COVER THESE TOPICS
(WEEK OF JANUARY 17TH – 21ST)**

12 CHEMISTRY UNITS

2ND SEMESTER

- REACTIONS AND STOICHIOMETRY
- REDUCTION-OXIDATION REACTIONS
- KINETICS AND EQUILIBRIUM
- SOLUTIONS, ACIDS AND BASE
- ORGANIC CHEMISTRY
- NUCLEAR CHEMISTRY

REGENTS EXAM IN JUNE



Hardest
Units of
the year

HOW IS HONORS CHEMISTRY DIFFERENT THAN HONORS BIOLOGY?

- **BIOLOGY HAS 7 MAIN UNITS OF STUDY;**
CHEMISTRY HAS 12 UNITS
- **BIOLOGY IS MOSTLY MEMORIZATION;**
CHEMISTRY IS MOSTLY APPLICATION
OF CONCEPTS AND MATH

HOW IS HONORS CHEMISTRY DIFFERENT FROM REGENTS CHEMISTRY??

- #1 – THE PACE OF THE COURSE IS MUCH FASTER
- #2 – COVER MUCH MORE DEPTH WITHIN TOPICS
- #3 – THE COURSEWORK IS SETTING UP STUDENTS FOR AP CHEMISTRY AND/OR FRESHMAN YEAR COLLEGE CHEMISTRY
- #4 – MORE COMPLEX CHEMISTRY PROBLEMS WITH LESS GUIDANCE GIVEN
- #5 – LESS CLASSROOM STRUCTURE AND GREATER ABILITY FOR SELF-PACING AND OPEN ENDED INQUIRY (HIGHER ORDER THINKING SKILLS)

TO ENCOURAGE STUDENT SUCCESS, STUDENTS SHOULD...



1. **PARTICIPATE** IN CLASS DISCUSSION AND ACTIVITIES. **ASK QUESTIONS!!** THERE IS NO SUCH THING AS A “DUMB” OR “BAD” QUESTION
2. **COMPLETE HOMEWORK** ASSIGNMENTS ON THEIR OWN.

*LATE HOMEWORK CAN BE TURNED IN BY THE FOLLOWING DAY TO RECEIVE PARTIAL CREDIT.

3. AFTER A TEST, COMPLETE TEST CORRECTIONS
AND COMPLETE CASTLE LEARNING POST-TEST

4. IF STUDENTS ARE ABSENT, SEE ME UPON
RETURNING TO CLASS FOR MAKE-UP
WORK/NOTES. IF STUDENT IS ABSENT THE DAY
OF A QUIZ OR TEST, THEY MUST MAKE IT UP
AS SOON AS POSSIBLE

REQUESTED MATERIALS

3-RING BINDER ONLY FOR CHEMISTRY

PENCIL AND/OR PEN






CALCULATOR

**REVIEW BOOK - (IN
THE SPRING)**



e-SCHOOL (updated regularly)

G
R
A
D
E
S

Science Ess...	Sig Fig and ...	Sig Fig Quiz ...	Conversions ...	Density Wks...	Graphing As...	Labwork Av...	Classwork ...	M.P. Avg.
09/08/2014	09/09/2014	09/11/2014	09/15/2014	09/16/2014	09/16/2014			
Classwork	Classwork	Classwork	Classwork	Classwork	Classwork	Labwork	Classwork	
20	27	15	21	25	15			
98.81	85.71	95.87	95.92	83.52	86.35			
100.00	92.59	100.00	95.24	88.00	93.33			
5.32	14.30	6.33	4.23	20.17	11.17			
20	24.50	15	21	23	14		95.99	95.99
20	26.50	14	20	22 	14		95.26	95.26
20	14	14	20	21	14		85.40	85.40
20	18.50	14	18	0 	15		72.63	72.63
20	16.50	14	19	18	12		82.85	82.85
20	25	14	21	24	13		95.62	95.62
20	23	15	20	24.50	14		95.26	95.26
20 	27	15	21	24	15		99.27	99.27
20	25	15	21	20	12		92.70	92.70
20	25.50	15	19	19	12		90.88	90.88
20	25	14	20	19	10		89.05	89.05
20	25.50	15	21	22 	14		95.99	95.99
20	18	15	19	24	13		89.78	89.78
15 	25.50	15	21	21	12		90.15	90.15
20	26	15	21	25	14		98.54	98.54
20	27	15	21	21	15		97.08	97.08
20	16	13	20	24	14		88.32	88.32

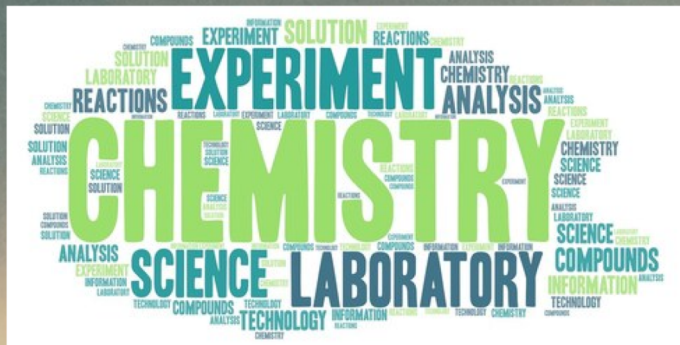
CLASSROOM WEBSITE

<https://jkeilscience.weebly.com/>

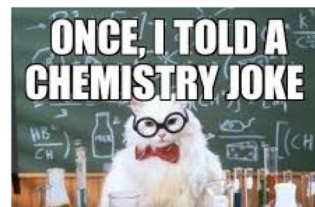
[Home](#) [Contact](#) [Forensic Science](#) [Honors Chemistry](#)

Welcome Students and Parents!

weekly
agenda



Google
classroom



CLASSROOM WEBSITE

<https://jkeilscience.weebly.com/>

Welcome to Honors Chemistry!

Please click on the links below for important documents and information pertaining to the class.

Class
Syllabus

Daily
Agenda

Reference
Tables

Remind

Please use the information to the right to sign up for a Remind Account. I will be using this during the year for announcements on homework, quizzes, tests and other information pertaining to the class.

Text to #81010

Period 1: @per1keil

Period 3: @per3keil

Period 7: @per7keil

CLASSROOM WEBSITE

<https://jkeilscience.weebly.com/>

On the website you can find unit note packet, video lessons for each objective in the note packet, as well as other assignments and videos to supplement the unit.

The screenshot shows a website navigation menu with links for Home, Contact, Forensic Science, and Honors Chemistry. The main content area is titled "Matter and Energy" and is organized into several sections:

- Reference Tables:** Contains four buttons labeled "Table B", "Table S", "Table T", and another "Table S".
- Matter Unit Notes:** Contains one button labeled "Matter Notes".
- Energy Unit Notes:** Contains one button labeled "Energy Notes".
- Unit Videos:** Features a video player with the title "The law of conservation of mass - Todd..." and a play button. The video thumbnail shows the text "THE LAW OF CONSERVATION" and various chemical symbols (H, C, O).
- Video Notes:** Contains one button labeled "Lessons".
- Matter Worksheets:** Includes the text "Matter Worksheets:" followed by the instruction "choose the link below for each worksheet".

COMMUNICATION

- I CAN BE REACHED AT THE SCHOOL
625-7272 EXT. 6605
- PLEASE E-MAIL @ ANY TIME,
JKEIL@STARPOINTCSD.ORG
- OFFICE HOURS DURING TENTH PERIOD
2:30 – 3:11 MONDAY AND THURSDAY
(AND BY APPOINTMENT)



Thank you so much!!