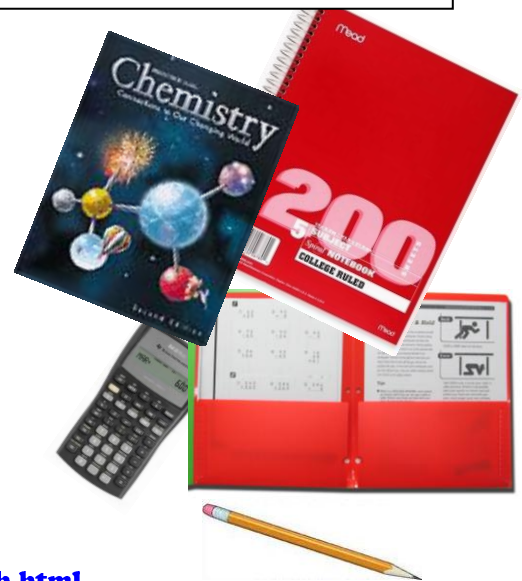


**What you need for class:**  
Textbook, pencil, calculator,  
notebook & folder



Web Page: <http://isd547.com/HS/Teachers/tellsworth/tellsworth.html>

## General Expectations

### Before the bell rings:

- Sit in your assigned seat, read & complete the assignment on the white board.
- Bring all of your supplies every day (calculator, pencil, folder, paper & textbook).
- Keep all drinks and food out of the classroom / lab - OSHA regulations.



### *During Lecture or discussion:*

- |                             |                                  |                          |
|-----------------------------|----------------------------------|--------------------------|
| Listen quietly & take notes | Ask Questions and Participate    | Raise your hand          |
| Sit in assigned seat        | Take note of special precautions | Have a positive attitude |

### During Lab Time:

- |                              |                                |                              |
|------------------------------|--------------------------------|------------------------------|
| Absolutely NO HORSEPLAY!     | Wear Goggles!                  | Follow Directions            |
| No visiting other lab groups | Stay with your lab group       |                              |
| Keep your drawers clean      | Follow <u>all</u> safety rules | Clean lab station when done. |

### Homework & Daily Assignments:

- |   |                                     |
|---|-------------------------------------|
| Complete work and hand in when due.   | Reduced score for late assignments. |
| Assignments should be placed in the 1 <sup>st</sup> to the bottom maroon tray | Do your best!                       |

### Mrs. Ellsworth's Promise

While you do your student work and follow my expectations. I promise...

- I am dedicated to helping students. I'll be available to help you with your chemistry before and after school. If you need more time, ask me to come in early or stay later. If possible, I will be here.
- I'll try my hardest to be consistent with discipline & grading.
- I'll continue to find creative ways to effectively teach students.
- If several students do not understand a concept, I'll gladly hold a "clinic" before school.

# 😊 Grading 😊

## Three components of Grading

**25% -- Homework / Daily Work, Behavior and Task Management**

**25% -- Labs, Accuracy and Lab Participation** Smaller lab work sheets will also be graded in this section with the percentages listed below. Lab accuracy is based on how close your result is to the actual result (10% away from actual = A; 20% = B; 30% or more = C). Lab participation is graded by your peers and is based on your performance during the lab activity. Grades given will be 5, 4, 3, 2, 1, & 0 points (5 = A, 4 = B, 3 = C, etc.) There is potential for your grade to be greater if you do the work of your lab partners.

**50% -- Tests, Projects, and other Assessments**

Huge final lab reports, projects quizzes & tests.

**All of the Daily Work/Homework, Tests, Lab Reports, Projects, and Assessments will be graded with the following percentages:**

94 - 100% = A	76 - 80.9% = C	
92 - 93.9% = A-	74 - 75.9% = C-	
90 - 91.9% = B+	72 - 73.9% = D+	
85 - 89.9% = B	67 - 71.9% = D	
83 - 84.9% = B-	65 - 66.9% = D-	Less than 65% = F

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### Mrs. Ellsworth's Cheating Policy

Cheating will not be permitted!

- Any offense of a student involved in cheating will result in a zero for that assignment, quiz, or test. If another person was actively involved in the cheating that person will also receive a zero.
- Plagiarism on an assignment will result in redoing that assignment for half the credit.
- All Cheating will be reported to the Parkers Prairie High School Administration for discipline above and beyond my discipline.
- Remember behavior that looks suspicious will be considered guilty (example: looking at another student's test - considered cheating!).



**No Copying**



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### Other Business

**Daily Work:** Completed work on time is a future college and job skill. It is expected that all assignments will be completed and turned-in on time. Late assignments will earn half the credit. It will be considered late if it handed in anytime after I collect it - even a minute. After 2 weeks it will not be accepted and you will receive a zero.

**Absence and Tardiness:** I take attendance immediately after the bell rings. When you are absent and need to make up work you must take care of the make-up work yourself. ***This is your responsibility!*** All extra copies will be in the standing file on the north wall near the door. Ask a buddy what you have to make up or ask me before school. You have two days to make up work for each day you're absent, including the day you return, to receive full credit. When you hand in the excused late assignment—discuss it with me to make sure you receive full credit. If you come in tardy, please **quietly go to your seat**. The first tardy I "warn" you. The second tardy I have to call your parents. And the third tardy I must contact Mrs. Wenker. If you are absent for a test/quiz. I expect you to make it up by the next school day. ***Again, this is your responsibility.***

**Excessive Talking and Discipline Problems:** I usually just ask students to be quiet and the problem ceases. When it is time to work I expect you to work quietly.

**No electronic devices in class:**



## Tentative Schedule

- Week 1: Lab Safety, Safety Lab, Scientific Method, Measurement, Unit Conversions, Foaming Egg Lab, Mystery Powders Lab
- Week 2: Procedures Lab, Finish Chapter 1, Test 1
- Week 3: Chapter 2, Quiz, Start Chemistry Newspaper
- Week 4: Chemistry Newspaper
- Week 5: Chemistry Newspaper and 3-2-1 review of your scientists, quiz
- Week 6: Atomic Theory, Ions, Isotopes, Bohr Models and Electron configuration
- Week 7: Quantum Theory, Spectrum, Electron Orbitals, Test-Ch. 3 & 4.
- Week 8: Period Table, Trends Presentation
- Week 9: Labs: Meticulous Metals, and p-block lab,
- Week 10: Finish up unit, Periodic Table video, Test 5 & 6
- Week 11: Lewis Dot Structures, Inquiry Lab, Ionic / Covalent Bonding
- Week 12: Naming compounds (ionic, covalent, and acids)
- Week 13: Molecular shapes and bond angle, computer models, Test 7 & 8
- Week 14: CLEP catch-up or classroom catch-up
- Week 15: Balancing chemical reactions,
- Week 16: 4 Types of Chemical Reactions, Chemical Reactions Lab, Test 9
- Week 17: Activities Lab
- Week 18: amu, molar mass, The Mole, Mole Conversions, Mole Lab
- Week 19: Finish the mole lab
- Week 20: Mole computer lab,
- Week 21: Lab: Molar Volume, calculations,
- Week 22: Empirical formulas test 10.
- Week 22: Learn Molarity and Chapter 15, How to dilute, Way Cool Chemistry
- Week 23: Way Cool Chemistry Show, Cards for CLEP
- Week 24: Stoichiometry, Endothermic and Endothermic Reactions,
- Week 25: More Stoichiometry
- Week 26: Stoichiometry Lab, Chapter 11 Test
- Week 27: Catch-up or CLEP Cards
- Week 28: Reaction Rates unit-Iodine Clock reaction& paper
- Week 30: Activity Series Lab & paper, pennies to gold
- Week 31: Solubility Lab and Paper, demonstrate supersaturated
- Week 32: Chapter 15 Test, Gases: Charles and Boyles Laws, Ideal Gas Laws
- Week 33: Intermolecular forces
- Week 34: Acids and Bases
- Week 35: Titration Lab project, pH, Ka, Kw
- Week 36: Finish Chapters 18 & 19
- Week 37: Organic Chemistry: Alkanes, Alkenes, Alkynes, Branching Halocarbons, Organic Chemistry Presentations & finish packets
- Week 39: Oxidation Reduction Reactions
- Week whenever and hopefully: Nuclear Chemistry &  
Global Warming, Saving Energy, Greenhouse Effect Lab  
What else can we do to prepare you for the CLEP test?

## Chemistry Lab Report Format

- I. Title
- II. Question or Purpose of lab
- III. Hypothesis
  - A. Occasionally may include *independent and dependent variables*.
- IV. List of Materials (include equipment)
- V. Hazards
  - A. Hazards of materials and chemicals
  - B. Other hazards
- VI. Procedure
  - A. Step-by-step procedure
  - B. Diagram and label any apparatus (or write a detailed procedure of the set up)
  - C. Include clean up procedure
  - D. Discuss all groups (especially if different all groups are a part of the same lab)
  - E. Must be easy to follow and easy to understand.
- VII. Data
  - A. Observations
  - B. Data Table
  - C. Graph – may read “refer to graph”
    1. Must have labels of independent and dependent variables
    2. Must show units (on both axes)
    3. Title of graph
    4. Must take up the space of the whole graph paper
    5. Must be a curve – don’t connect dots

Do you know the difference between evidence and inference? Only evidence is in the data section and the conclusion is where you use inference.
- VIII. Conclusion
  - A. Discuss if hypothesis correct – how so?
  - B. Discuss results – data with interpretation.
  - C. Confidence of results or readings– how accurate AND precise are they?
  - D. Comparison to actual results
  - E. Comparison to all groups
  - F. Possible errors
  - G. How could lab be improved? How would you do it differently?

! You must follow this in order and write out each heading and sub heading where needed. Also, don’t forget spelling, grammar and avoiding “flowery” additions to subject matter.