

Chemistry (1)

This class will be direct instruction and the students will be using the Chemistry book. This course will go through Chapters 1 - 10.

- **If test and quizzes are taken on the scheduled day, then bonus points will be added. All test and quizzes must be taken within one week of scheduled day or a zero will be given.**
- A test or quiz maybe fixed for a higher grade, if it is corrected within one week of scheduled test or quiz. The test or quiz must be fixed in teacher's room, but outside of class time (before or after school).
- **Wednesday's from 2:45 - 4 will be open lab** for students needing extra help and it is a good time for students to fix test or quizzes for extra points.
- A participation grade of 10 points will be given each day and put in the grade portal at the end of the week. If you are tardy you will only be eligible for 50% of the participation grade for that day.

Written Test and Quizzes: You may use one 3 x 5 card and calculator

Final: You may use your 3 x 5 card (if you turned them into the teacher after each quiz/test) and calculator

Grading:

- **Attendance = 10%**
 - grade will be put in the portal weekly
 - % = # of days present and on time out of the # of school days in the week
- **Homework/worksheets/computer part = 15%**
- **Participation = 5%** (tardy students will only get 50% of the participation grade for that day)
- **Quizzes = 20%**
- **Test = 30%**
- **Final = 20%**

Week 1: 7/25 – 7/29 Chapter 1 & 2

M___ intro to class:

M___ Chapter 1

M___ complete study guide (homework)

T___ Chapter 2: standard units, density, Scientific notation, accuracy and precision, sig figs;

T___ Hw: **Pg 32:** 13, 14 a,b,c,d, 15 a,d, 16 a,d; **Pg 39:** 31 a,d, 32 a,c,d,

Pg 41: 33 a,d, 34 a,c, 35 b,c, 36 b,c, Pg 42: 37 a,b,c and 38 a,b,c

W___ Chapter 2: solving formulas, conversion factors, percent error, graphs (regression)

W___ HW: conversion worksheets (2)

Th___ Dimensional Analysis lab, Density lab, Study guide (HW due on Friday)

F___ Copper Lab; review for part of chapter 2 test

Week 2: 8/1-8/5 Chapter 3

M___ Conversion Quiz

M___ Study for Chapter 1 & Chapter 2 Test

M___ 3.1: Pg 60: Assessment 1, 2 3 and 5

T___ Test Chapter 1 & Chapter 2

T___ 3.2: pg 65: practice problems 7,8, Assessment 10, 11, 12 and 14

W___ 3.3 and 3.4

W___ 3.3: pg 69 assessment 15, 16, 17 and 19; 3.4 pg 77 assessment 25, 26, 27, 28;

W___ pg 83: 66, 67 and 69

Th___ complete study guide (turn it in at the end of the period)

F___ Review for Chapter 3 test

Week 3: 8/8-8/12 Chapter 4

M___ **Chapter 3 Test**

M___ 4.1: pg 91 assessment 1, 2 & 3

T___ 4.2 & 4.3

T___

W___ 4.4

W___

Th___ Study Guide for Chapter 4

F___ Computer part

Week 4: 8/15-8/19 Chapter 5

M___ **Chapter 4 Test**

M___

M___

T___

T___

W___

Th___

Th___

F___

F___

***Week 5: 8/22-8/26 (need to make some worksheets for this week) Bell work on writing linear equations; 2.3 and 2.4**

Section 1.2 (pg. 94)

M___ Worksheet: Graphing Calculator lesson on intersection of graphs

M___ Lesson on solving equations using graphing calculator

M___ Worksheet: Using a graphing calculator to solve equations (**need to make this**)

M___ Lesson on conditional, identity and inconsistent

M___ Check-point 1 – 7

M___ Exercise problems: 17, 23, 29, 31, 43, 47, 49, 51, 55, 57, 59, 61, 63, 65, 67, 71, 75, 79 & 83

T___ bell work: (in groups) 85, 91, 95, 97, & 101

Section 1.3 (Pg. 108) – problem solving

T___ bell work: solving for a variable: pg 121: 63, 67, 71, 75 & 77

T___ Check-point 1 – 8

T___ Group work: doing word problems

T___ Exercise problems: 6, 14, 20, 22, 34, 40, 47, 53, 76, 78 & 80

W___ Review for Quiz; Pg. 180: 2,4,6,7,8,9,11,13, 18,22,30,31,32, 40,41,42,43, review example 4 on page 87

Th___ **Quiz on section 1.1, 1.2 & 1.3 (has 5 vocabulary words)**

Th___ Review solving quadratics: square root method, factoring and quadratic formula

Section 1.4 (pg. 123) imaginary numbers

F___ Check-point 1 -4

F___ Exercise problems: 1, 5, 9, 15, 19, 21, 23, 25, 27, 31, 35, 37, 41, 45, 47, 51, 55, 58, 61 & 70

***Week 6: 8/29-9/2 (bell work on meaning of terms in a linear equations and scatter plots)**

Section 1.5 (pg. 129)

M___ Check-point 1 – 10

M___ Lesson of the different ways to solve quadratic equations (factoring, square root, method and quadratic formula)

M___ Exercise problems: 1, 5, 9, 14, 15 – 27 EOO, 65 – 81 odd

T___ **Lesson on completing the square**

T___ **Worksheet on completing the square**

T___ Exercise problems: 47 – 63 EOO, 109 – 114 all, 134 & 144

W___ **Worksheet on solving with a graphing calculator**

W___ **Worksheet on solving quadratic equations: Review worksheet**

Th___ **Worksheet on writing quadratic equations given the solutions**

Th___ **Worksheet on Discriminates: How many solutions are there without solving (need to make this one)**

Th___ Mid-Chapter check point (pg 148): 3, 5, 7, 9, 12, 13, 16, 19, 20, 24, 25, 26, 27, 31, 34, 40, 42, 43, 44 & 45

F___ **Mid-Chapter Quiz**

Week 7: 9/6-9/9 (Bell work on linear regression)

M___ 9/5: no school

Section 1.6 (pg. 150)

T___ Check-points 1 – 9

T___ Exercise problems: 1, 3, 11, 15, 19, 23, 27, 31, 33, 35, 37, 39, 41, 47, 51, 53, 55, 57, 59, 61, 65, 69, 71, 77, 79, 81, 83, 91, 97, 103, 111 & 115

Section 1.7 (pg. 164)

W___ Lesson on interval notation and solving absolute inequalities (2 worksheets as a class)

W___ Check-points 1 - 10

W___ Worksheet inequalities and absolute value

Th___ Exercise problems: 15, 19, 21, 25, 39, 45, 51, 57, 81, 91, 95, 105, 109 & 130

Th___ Review for Chapter 1 – get review from Teacher

F___ Question on Review

F___ Linear regression quiz

Week 8: 9/12-9/16 (Bell work: 2.3 : 67, 71, 73, 75, 77, 79, 81, 83, 89, 91, 93, 95 & 107)

M___ Chapter 1 Test

M___ Chapter 2 Vocabulary

M___ Section 2.3: page 227: 3, 5, 9, 15, 21, 23, 29, 33, 35, 43, 51, 55, 59 & 65

Chapter 2 – SHOW ALL WORK

T___ Function worksheet: Domain and Range

Section 2.1 (pg 186) – start linear regression 1 and 2

T___ Check points 1 – 8

T___ Worksheet on Functions (homework)

T___ Exercise problems: 3, 7, 11, 13, 15, 19, 21, 23, 25, 29, 33, 35, 39, 43, 45, 47, 49, 51, 53, 55-64 all, 65, 67, 69, 71, 73, 75, 77, 81, 83, 89, 91, 93, 97, 99, 101, 105 & 121

Sections 2.2 (pg 202) – linear regression 3 and 4

W___ Lesson on functions: even, odd or neither

W___ Check points 1 – 4

W___ Exercise problems: 1, 7, 15, 17, 21, 23, 27, 29, 31, 33, 35, 37, 41, 43, 45, 49, 53, 55, 57, 59, 61, 63, 73, 77, 89, 105 & 111

Section 2.4 (pg 231)

Th___ Bell work do Check points 1 – 5

Th___ Exercise problems: 21, 23, 25, 27, 29, 31, 33, 37 & 43

Th___ Review for Mid-Chapter Quiz: pg 240; 1 – 45 odd

F___ Mid-Chapter Quiz

Week 9: 9/19-9/23 (bell work: Piece wise graphs)

M___ Domain and Range worksheet bell work

M___ Transformations

M___ Transformation worksheet

M___ piece wise graphs: worksheet

T___ Section 2.6 (pg 256): Check points 1 – 3

T___ Exercise problems: 1, 5, 9, 13, 17, 25, 27, 35, 39, 43, 81, 83, 84, 85, 97 & 99

W___ Section 2.6 (pg 256): Check points 4 – 6

W___ Exercises problems: 49, 53, 61, 69, 73, 75, 77, 79, 89, 91, 93, 105 & 107

Th___ Section 2.7 (pg 269): Check points 1 – 7

Th___ Exercise problems: 1,5,9,11,15,19,23,27,29,31,33,35,37,39,41,49,53,55,57,59,61,63,67 &
72

F___ Sections 2.8 (pg 280): Check points 1 – 6

F___ Exercise problems: 1, 5, 9, 13, 17, 21, 25, 29, 31, 35, 39, 43, 47, 51, 55, 59, 61, 63, 67 & 83

F___ Quiz on transformation

F___ Review for Chapter Test; get form teacher

Week 10: 9/26-9/30 (bell work review for final)

M___ **questions on test review**

M___ **Chapter 2 test**

M___ Long division worksheet

T___ Synthetic division worksheet

T___ Final review

W___ Final review

Th___ Final **9/29**