

8th Grade Syllabus 2013 Keep this in your Science Notebook/Folder!

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2pts ec printing

HWK = Homework EC = Extra Credit TH=Take Home Test

CA State Standards : Structure of Matter:

Each of the more than 100 elements of matter has distinct properties and a distinct atomic structure.

All forms of matter are composed of one or more of the elements. As a basis for understanding this concept:

1. Students know the structure of the atom and know it is composed of protons, neutrons, and electrons.
2. Students know that compounds are formed by combining two or more different elements and that compounds have properties that are different from their constituent elements.
3. Students know atoms and molecules form solids by building up repeating patterns, such as the crystal structure of NaCl or long-chain polymers.
4. Students know the states of matter (solid, liquid, gas) depend on molecular motion.
5. Students know that in solids the atoms are closely locked in position and can only vibrate; in liquids the atoms and molecules are more loosely connected and can collide with and move past one another; and in gases the atoms and molecules are free to move independently, colliding frequently.
6. Students know how to use the periodic table to identify elements in simple compounds.

Date	Class	Homework
Wk 5: Sept 30-Oct 4: Chp2: Properties of Matter Holt Book: Pg 34-57		
Chp 2: Little Book Hwk: Pg 1-6 due on 2 nd Block day (Wed/Thu) of this week, Pg 13-16 Due Block day 1 (Tue/Wed) next week Pg 7-10 due block day 2 next week. These will be checked IN CLASS on due date. Extra Credit! We need ziplock baggies!		
Mon:	Lect 1: What is matter?	Hwk: Little Book: pg 1-6 Due 2 nd Block period THIS WEEK
Tues /Wed Blk1	Lect 2: Properties of Matter Lab:Gummy Bears Measuring Matter	Finish Little Book pg 1-6 assignment for next class
Wed/Thu Blk 2	Volume Measuring Lab/check hwk	Little Book: pgs13-16 due next week, 1 st Block day
Fri	Lect 3: Density	Hwk: Little Book pgs 13-16
Wk 6: Oct 7-11: Chp2: Properties of Matter Holt Book: Pg 34-57		
Chp2: Little Bk: Pg 13-16 Due Block day 1 (Tue/Wed) Little Bk: Pg 7-10 due block day 2 Little Bk: Pg 11 & 12 Due Fri Completed Little Book due Fri Final Exam on Chp 2 THIS Friday Lab Notebook due Block day 1 (Mon/Tue) next week		
Mon:	Lab: You Try It Density!	Little Book: Pg 13-16 Due Block day 1
Tues/Wed Blk1	Lect 4: Density & Buoyancy Lab: Density Labs	Little Book : Pg 7-10 due block day 2 Little Book : Pg 11 & 12 Due Fri
Wed/Thu Blk2	Virtual Density Lab / work time	Little Book : Pg 11 & 12 Due Fri Final Exam Friday
Fri:	Final Exam Chp2 / Little Book Due	Lab/Lecture notebook due 1 st block day next week (Mon / Tue)
Wk7: Oct 14-18: Chp3: States of Matter Holt Book: Pg 58-79		
Chp2 Lab Notebook due Block day 1 (Mon/Tue) Chp 3 Little Book Hwk: Pg 1-7 due Fri, Pg 8-12 due next Monday EXTRA CREDIT! We need WHOLE Milk! (homogenized), Zip Lock Baggies (gallon & quart size), spoons, rock salt, sugar and ice for our Ice Cream Matters Lab on Monday Oct 21. Milk & Ice need to be brought in on Monday, everything else can come in this week.		
Mon	Lect 1: Four States of Matter Chp 2 Lab/Lect Notebook Due	Chp 3 Little Book Hwk: Pg 1-7 for Friday, Pg 8-12 for Monday
Tues/Wed Block day1	Lect 2: Changes of State	Chp 3 Little Book Hwk: Pg 1-7 for Friday, Pg 8-12 for Monday
Thu: Block Day2	Lab: Slime Matters! Work Time on Chp3 Little Book!	Chp 3 Little Book Hwk: Pg 1-7 for tomorrow
Fri	Lect1 Chp 4:Elements & Compounds	Chp 3 Little Book Hwk: Pg 8-12 for Monday Complete lab write-ups
Wk8: Oct 21-25 Chp 4: Elements Compounds & Mixtures Holt Bk: 80-103		
Chp 3 Little Book Hwk: Pg 8-12 due Mon Chp 4 Little Book Pgs 1-4 Due Blk2 this week, Pgs 5-8 Due next Mon		
Mon	Lab: Ice Cream Matters! Chp3 Pg 8-12 due	We need MILK & ICE TODAY for our ice cream lab Chp 4 Little Book Pgs 1-4 Due Blk2 (Wed/Thu)
Tues/Wed Blk1	Lect 2 Mixtures Lab: Nuts & Bolts	
W/Thu Blk2	Lab: Messing with Mixtures Chp4 pgs 1-4 due	Chp 4 Little Book Pg 5-8 due on Mon. Chp 3&4 Lab/Lect NB
Fri	Lect 3: Heterogeneous/Homogeneous mixtures	Due Blk1 (Tue/Wed) Chp3/4 Final Exam Blk 1 next week

8th Grade Syllabus 2013 Wks: 9-10

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DATE	CLASS	HOMEWORK
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Wk 9: Oct 28-Nov 1 Chp 2/3/4 Unit Final Exam Blk Day 1 / Chp 12: Atoms

BIG WEEK!!! Final exam Chp 2/3/4: All 3 Little Books will be used.

Mon:	Review Jeopardy	Little Bk Chp 4 Pgs 5-8 Due today! Final Lect/Lab NB due Blk1 day.
Tues/Wed Blk1	Chp 2-3-4 UNIT FINAL EXAM! CHP 3-4 / NB DUE	HWK: Little Bk Chp 12 Pgs 1-6 Due Fri
Wed/Thu Blk2	Chp 12: Atoms Lect 1/2	
Fri:	Chp 12: Atom Lect 3	Little Bk Chp 12 Pgs 1-6 Due HWK: Little Bk pgs:7-12 Due Mon

Wk 10: Nov 4-8th: Chp 12: Atoms: Holt: Pgs 302-322

Hwk: Little Bk Chp12 Pgs 7-12 Due Mon

Mon:	Atom Lect 4	Little Bk Chp12 Pgs 7-12 Due / Chp 13: pg 2-5 due Blk2
Tues/Wed Blk1	Periodic Table Lect 1	Little Bk Chp 13: pg 2-5 due Blk2
Wed/Thu Blk2	Periodic Table Lect 2	
Fri:	Periodic Table Lect 2 Finish	Little Bk Chp 13: 6-11 Due today

CA State Standards : Periodic Table

The organization of the periodic table is based on the properties of the elements and reflects the structure of atoms.

1. Students know: how to identify regions corresponding to metals, nonmetals, and inert gases.
2. Students know: Each element has a specific number of protons in the nucleus (the atomic number) and each isotope of the element has a different but specific number of neutrons in the nucleus.
3. Students know: Substances can be classified by their properties, including their melting temperature, density, hardness, and thermal and electrical conductivity

Wk 11: Nov 12-22: Chp 13 : Periodic Table Holt: 323-572

Hwk: Little Bk Chp 13: Pg1-4 due / Little Bk Pg 5-8 due Blk day1 FINAL EXAM Blk Day 2: Chp 12 & 13

Mon:	Veterans Day observed. No School	
Tues/Wed Blk1	Chp 12 & 13 Review	Chp 13 Little Book due today
Wed/Thu Blk2	Chp 12 & 13 Final Exam	Chp 12 & 13 Lab/Lect NB Due Tomorrow!!!
Fri:	Grade Notebooks	Chp 12 & 13 Lab/Lect NB Due

No Homework over Thanksgiving !!! Have a wonderful family time!

EXTRA CREDIT OFFERED!!! 10 extra credit points will be rewarded to those students who CLEAN UP the entire kitchen/dining room ALL BY YOURSELVES SO MOM/DAD/GRANDMA/Auntie ect. can rest! (Cooking does NOT count!)

Have Mom/Dad/Auntie/Grandma send me an email telling me about the wonderful job you did BY SUNDAY NIGHT Nov 25th OR bring in a note on Monday Dec 2nd. No late notes accepted! ☺