

# 8<sup>th</sup> Grade Science

## 2016-2017

**Mrs. Winters**  
**lwinters@eesd.net**



Welcome to Science!! I am looking forward to a fantastic year full of experiments, hands-on learning and life application. To do this, we will be using the California state standards/Next Generation Science Standards as a guideline for our science class.

### Homework/Classwork:

- There will not be much homework IF you work diligently in class (you determine your homework load!)
- For every day an assignment is late, 10% will be deducted from the grade (for a max of 40% deduction. **After unit test late work WILL NOT be accepted for credit!** If turned in after unit test, it will be "complete" but will not receive credit.
- I will be able to help most days after school, and during lunch if needed. My goal is for each student to succeed!

### Extra Credit

- Extra Credit can be turned in at any time. To count on a specific trimester's report, it must be turned in on designated date given by the teacher (written on the board)
- Extra credit can ONLY raise your overall grade each trimester by 5%
- Extra credit ONLY counts IF all previous work is turned in. IF there is even ONE missing assignment for that trimester all extra credit DOES NOT COUNT!!!

### Classroom rules

- 1) **Prompt:** Please be on time to class
- 2) **Prepared:** Please have your homework completed and the supplies you need for class EVERY day
- 3) **Participate:** Please be an active member of the class every day. You will get out of the class what you put into it.
- 4) **Polite:** Please be polite to each other by **RESPECTING** others' person, property, time, space and feelings.
- 5) **Professional:** School is your job. Please come to school dressed appropriately. Conduct yourself in a mature manner to have a safe and productive day

### Materials

1. **Pencils and erasers** (All science homework and classwork must be done in pencil)
2. **Pencil Sharpener with shaving catcher.**
3. **Blue, red or green ball point pens** (For correcting)
4. **Highlighters**
5. **College ruled notebook paper (A LOT)**
6. A **Three ring binder**—Please just get a simple 2" binder (with 3 dividers labeled Completed Assignments, Homework to Do, Important papers/Notes)
7. **Colored Pencils**
8. **100 ruled 3x5 index cards (2-inch index card ring)** (Or any other way to organize the cards)
9. **Scientific Calculator** (There are some at the dollar tree by movies 8!!!)
10. **Optional:** Please consider donating some of the materials listed above for students who may not be able to purchase them.
11. **\*\*\*\*E**ach new unit the students will be assigned to a new lab group and will need a three pronged folder with clasps corresponding to their lab color (provided by teacher)



Consequences


In our life we live with many consequences. Consequences are just the good or bad outcome of an action. The following are the consequences should the rules be followed or broken.

*If classroom rules are followed:*

- Praise (daily)
- Positive notes/calls home (random)
- Whole class radio time or preferred activity time (weekly)
- Raffle tickets given to those following the rules (random) (every Friday drawing)
- Class Party (once the class earns 25 points)
- The joy of learning (each day of the school year)



*If classroom rules are broken:*

- 1<sup>st</sup> time-----Name on the chart (Warning)
  - 2<sup>nd</sup> time-----Check next to name (must stay 1 minute after class to talk with Mrs. Winters) 
  - 3<sup>rd</sup> time-----2 Checks next to name (after school DETENTION)
  - 4<sup>th</sup> time-----3 checks next to name (Behave out—student will be asked to leave the classroom to reflect on their behavior and will only be allowed back in once an understanding is accomplished)
  - 5<sup>th</sup> time-----4 checks to name (this is defiant behavior and student will receive a referral)
- \*\*For more serious matters I reserve the right to follow school policy and give immediate citation, referral, or otherwise as laid out in the Boulder Creek policy manual.
- \*The chart is cleared at the end of every day to allow a fresh start.
- \* If your name appears on the chart twice in one week (or a check is received) you may not win the raffle at the end of the week! ☹

Curriculum

- Focus on Physical Science, Glencoe Science

8<sup>th</sup> Grade Science Grade Breakdown

**Assessments (Tests/Quizzes/Projects) 50%**      **Science Articles/Portfolio Checks 10%**  
**Labs 20%**  
**Classwork/Homework 20%**

Contact

Feel free to contact me with any questions or concerns! For me Email is better than voice mail!  
**Email:** lwinters@eesd.net  
**Phone:** 1-530-224-4140 (Boulder Creek)

*Thank you for your time in reading this syllabus and I look forward to a productive fall semester with you! As long as all the rules are followed, we will absolutely have a fantastic semester.*

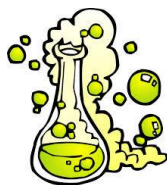
*Lisa Winters*

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*I have read the 2014-2015 Syllabus and agree to abide by all of the guidelines to the best of my ability.*  
 Student **PRINT NAME**\_\_\_\_\_ **Date**\_\_\_\_\_  
 Student **Signature:**\_\_\_\_\_ **Date** \_\_\_\_\_  
 Parent **signature**\_\_\_\_\_ **Date**\_\_\_\_\_

### Year-at-a-Glance/Content

| Units | 8 <sup>th</sup> Grade Physical Science  |
|-------|---|
| 1     | <ul style="list-style-type: none"><li>• Motion</li><li>• Forces</li><li>• <b>Bottle Rockets</b></li></ul>   |
| 2     | <ul style="list-style-type: none"><li>• Understanding the Atom</li><li>• Combining Atoms and Molecules</li><li>• States of matter</li><li>• The periodic table and Physical properties</li><li>• <b>Adopt an Element</b></li></ul>  |
| 3     | <ul style="list-style-type: none"><li>• Chemical Reactions</li><li>• Acids and Bases in Solution</li><li>• Chemistry of Living Systems</li><li>• Density and Buoyancy</li><li>• <b>Penny Boats Lab</b></li></ul>  |
| 4     | <ul style="list-style-type: none"><li>• Structures of the Solar System</li><li>• Sun -Earth-Moon system</li><li>• The Planets and their Moons</li><li>• Asteroids, Comets and Meteoroids</li><li>• Stars and Galaxies</li><li>• <b>Final Project</b> (Create your own investigation to solving a problem)</li></ul> |



### *Syllabus Quiz Study Guide:*

Questions that WILL be on the Quiz IN ANY ORDER! :

- 1) Write your full header properly! (this will not be told on the quiz you must do it by yourself!)
  - a. Name first and last (Betty Bometty)
  - b. Date (EX: 8/20/14)
  - c. Block number (1,2,or 3) (ex: Block 3)
  - d. Name of Assignment (Ex: Syllabus Quiz)
- 2) List all 5 of the classroom rules and give an example of each.
- 3) How much credit is deducted from your assignment for each day it is late?
- 4) If an assignment is turned in more than 5 days late, what happens?
- 5) When can extra credit be handed in?
- 6) What is the MAXIMUM extra credit can raise your overall grade each trimester?
- 7) What happens to your extra credit if you have even ONE missing assignment for the trimester?
- 8) What is your favorite positive consequence? Why?
- 9) How many warnings are there before you get a detention?
- 10) How often is the "chart" erased?