

8th Grade HONORS Science Mrs. Lavery Room 29 ext. 330

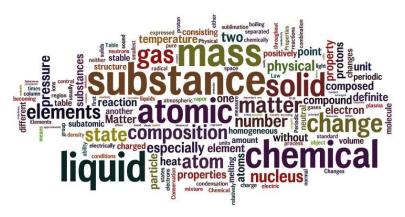
Email clavery@mountainsideschools.org

Behavior Expectations for Science class:

- All students will comply with prescribed SAFETY protocols, and work together to clean up after a lab/activity.
- Science class requires mature, cooperative behavior. Goofing around and/or disruptive behavior will result in the student being removed from the activity for the remainder of the period. The student will be required to complete the lab or activity (working alone) the next school day at 7:30 a.m., or complete a textbook packet. NO EXCEPTIONS.

Tools Necessary for Success:

- Binder with divider for Science
- Lined paper
- Hand-outs
- Blue or black pen
- Sharpened pencils with erasers
- Science journal(where most of our notes will be housed)
- Highlighter
- Chromebook



<u>Curriculum for 8th Grade HONORS</u> - Integrated Science (Earth, Life and Physical Science aligned with Next Generation Science Standards)

Waves and Electromagnetic Spectrum- properties of waves, light and optics

Energy- forms, transformations

<u>Astronomy</u>-objects in space, gravity, scale of objects in space, Earth/moon/sun relationships <u>Human Impact</u>- resources, Global Climate Change, natural hazards

<u>Biological Evolution</u>- unity and diversity, natural and artificial selection, adaptation, population changes

Science Fair:

All honors students will be required to participate in Deerfield's Science Fair by completing an independent project (not on a team). You will select a topic that can be investigated through research and experimentation. More information will follow including a timeline. The project will span multiple marking periods so points will be counted within the marking periods that the work is submitted.

Google Drive:

Deerfield is continuing with their initiative to use Google applications in the middle school. Students will complete some assignments in Google Docs and/or Google Classroom but often will still be required to turn in a hard copy for grading. Teacher will specify when assignments can be "shared." Assignments may be linked to Google Classroom or possibly on the class webpage. Not all assignments papers will get posted....make sure you have what you need!

Extra Help:

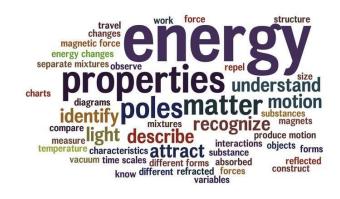
• Extra help will typically be given from 7:45 -8:15 any morning. Please notify me the night before if you intend to arrive early to school. Other times are available if scheduled in advance.

Assignments/Make-Up Work

• If you are absent, it is <u>your responsibility</u> to visit the "We Missed You" file to get any assignments you may have missed. This includes homework, class work, tests, and

quizzes. You are an honors level student and must show initiative in all aspects of your learning.

 You can check the class website for the day's assignments and possibly some notes to find out what you missed. Most worksheets can be retrieved from the site/classroom. The day you return you can come in before school starts to discuss missed work and the timeframe for making it up.



Grading Policy

- Grades are earned, not given.
- A point value will be assigned to every assignment, quiz, test, and project.
- At the honors level, not all nightly homework will be counted towards your grade (might be some exceptions to this guideline when appropriate). Homework will be assigned but not always checked to enter into the gradebook. Weekly/larger assignments will be graded according to district grading scale.
- Students and Parents may check current performance on Powerschool. I will strive to have all major assessments posted within 1 week and smaller assignments posted within a few days.
- Cheating results in a zero for those who copy AND those who allow their work to be copied. Plagiarism will result in a zero and an immediate referral to the principal for disciplinary action. Even if you do a lab activity with partners or a group, you are still responsible for writing your own lab report in your own words. "Group lab reports" are plagiarism and unacceptable.

Online Resources: (to name a few)

Discovery Education Science Techbook

TED Ed

Nearpod

Newsela

PhET