

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

Mrs. Lavery Room 29 ext. 330

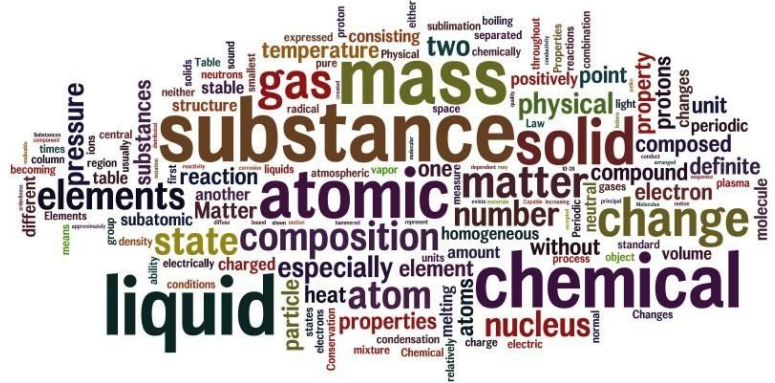
Email [clavery@mountainsideschools.org](mailto:clavery@mountainsideschools.org)

## Behavior Expectations for Science class:

- All students will comply with prescribed SAFETY protocols, and work as directed 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:

- Folder
- Hand-outs
- Blue or black pen
- Sharpened pencils with erasers
- **Science journal (where most of our notes will be housed)**
- Highlighter
- Chromebook



## Curriculum for 8<sup>th</sup> Grade HONORS - Integrated Science

**(Earth, Life and Physical Science aligned with Next Generation Science Standards)**

Biological Evolution- unity and diversity, natural and artificial selection, adaptation, population changes

Human Impact- resources, Global Climate Change, natural hazards

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

Energy- forms, transformations

Astronomy-objects in space, gravity, scale of objects in space, Earth/moon/sun relationships

## 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 and what the Science Fair will even look like for this year. The project will span multiple marking periods so points will be counted within the marking periods that the work is submitted.

