**RR Integrated Science-Physical Science Focus**

**Eric Hartman, M. Ed.**

**Canyon del Oro High School Room F203**

**Classroom Phone/Voicemail (520)696-5678**

**E-Mail:** **ehartman@amphi.com**

**Zoom Tutoring, Zoom Small Group Instruction, and Zoom One-on-One instruction hours on non-early out Wednesdays. 4th Period 10:35 – 11:35, 5th Period 12:15 – 1:15, and 7th Period 2:35 – 3:35.**

**Zoom Tutoring, Zoom Small Group Instruction, and Zoom One-on-One instruction hours on early out Wednesdays by appointment.**

**Course Overview:** The goal of this course is for the student to increase their scientific literacy to gain a greater understanding about the world around them to assist their ability to better and more responsible global citizens. This year we will focus on physical science and specifically chemistry and physics.

**RR Integrated Science Curriculum**: During the school year we will cover the following in our curriculum: the Inquiry process, history and nature of science, and science in personal and Social Perspectives, specifically chemistry and physics.

Chemistry-Matter and Its Interactions

Atoms and Molecules

* Physical and Chemical Changes
* Natural and Synthetic Resources
* Heat and Thermal Energy
* Exothermic Thermal Energy Lab

Physics-Motion and Stability; Forces and Interactions

* Force and Motion

Physics-Waves and Their Applications in Technologies for Information Transfer

* Waves
* Digital and Analog Signals Lab

Physics-Energy

* Kinetic Energy Graphing Activities
* Thermal Energy Insulation Lab
* Thermal Energy Transfer Lab
* Kinetic Energy Transformations

**Grading Categories**

50% Class Work/Notes/Tests/Quizzes

20% Labs/Presentations

20% Science Readings

10% Bell Work

**Grades**

Everyone starts with an A! How well you do depends on you! Grading will be based on a percentage. A=90-100%, B=80-89%, C= 70-79%, D=60-69%, and F=50-59%

Missing assignments will be worth 50%

**General supplies**:

* Binder or folder used only for science
* Pencils, colored pencils, pens, highlighters, markers, glue, scissors, and paper
* Common household supplies for at home labs- list will be provided a week before they are needed

**Online attendance:** Students need to attend Zoom class on “A”/blue days where attendance will be taken. On “B”/green days students will be required to do assignments in Google Classroom. Check Google Classroom Class Info for schedule.

**Make-up work/late work**: Students have one week from the “due date” to turn in assignments for full credit, unless I am contacted during the week about needing extra time for an assignment.

**Classroom expectations**: Be respectful and Responsible- R&R

**Zoom Behavior and Participation Expectations**

* During Zoom class students need to have their webcam on and be within the camera frame/view.
* All classroom rules apply when in a Zoom session. In other words, if you wouldn't do it while in physical class, don't do it while in digital class.
* It is preferred that students sit in a quiet area with good lighting when participating in a Zoom session.
* Students need to remain on mute while the teacher and classmates are speaking.
* All verbal and group chat comments should be related to the class discussion.
* To be admitted into Zoom class students must be in dress code and ready to learn.
* Teachers will take attendance at the beginning of the class period; so it is very important to enter the Zoom class on time.
* Zoom is a privilege that may be taken away if any of the above expectations are not followed.

**Dear parents and guardians,**

**Please email me, and let me know you have read the above syllabus. It will count as an assignment.**

**Thank you,**

**Eric Hartman**