

Tamanend Middle School
Ms. Nagle's 8th Grade Science Class 2017
Email: mnagle@cbsd.org



OVERVIEW OF UNITS AND TOPICS COVERED THIS YEAR:

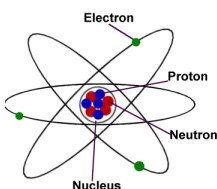
UNIT 1: ASTRONOMY

- Observing and exploring space
- Earth, Moon and Sun dynamics
- The Universe- From the Big Bang to Our Solar System



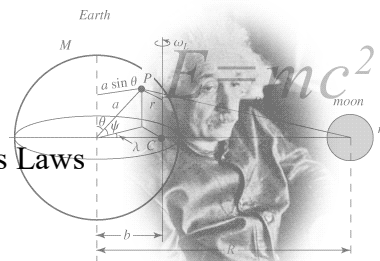
UNIT 2: CHEMISTRY

- Elements and the Periodic Table
- Chemical Bonding
- Chemical Reactions



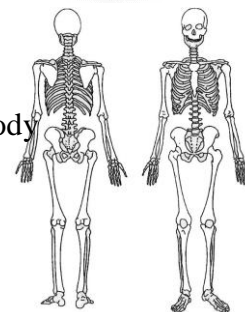
UNIT 3: PHYSICS

- Motion
- Forces and Newton's Laws
- Machines



UNIT 4: HUMAN BODY

- Introduction to the Human Body
- Controlling the Body
- Human Defenses



Class Requirements: Everyday you must bring a pencil/pen, your 3- ring binder, and daily planner.

BE ORGANIZED! You will be receiving many papers in this class. Keep your 3-ring binder neat and organized. Keep all your papers dated and in order (following the numbering in class) until the end of each unit. There will be notebook checks throughout the year.

Textbook: We will be using Holt Science and Technology textbooks specific to each unit. Your science textbook should be covered and brought to class every single day.

SchoolWires Page: Ms. Nagles' SchoolWires page can be accessed through the Tamanend website. Homework, deadlines, and printable documents will be available for you throughout the school year.

Grading: *Your grade will include the following:*

1. Formative Assessment (10%)
 - Homework: Homework will be assigned on a regular basis and must be written in your planner. All assignments must be completed on time for credit. **No late homework will be accepted.**
 - Class work: This includes smaller in-class assignments.
2. Summative Assessment (90%)
 - Tests, quizzes (45%): All test and quizzes are based on readings, notes, journal entries, directed readings, class discussions, labs, and homework assignments.
 - Long term projects, labs and larger in-class assignments (45%)

FINAL GRADE CALCULATION: *Your final grade for the year will be calculated as follows:*

▪ Marking periods =	90% (22.5% * 4)
▪ <u>Performance assessments =</u>	<u>10% (3.33% * 3)</u>
TOTAL =	100%

Extra Assessments:

- Performance Assessment #1: Chemical Reactions
- Performance Assessment #2: Log Flume Physics Lab
- Performance Assessment #3: Independent Research

Classroom Procedures:

Objectives, warm-up activities, and homework assignments will be on the board or on the projector every day.

When you come into my classroom:

1. Be seated right away.
2. Check the board and **copy down any homework** or upcoming assignments in your planner.
3. Begin the **warm-up** in your warm-up journal.

Absences and make-up work:

On the day you return from an absence you should turn in any work that was due and ask for missed assignments; this is **YOUR RESPONSIBILITY**. Late homework assignments will not be accepted. Labs and other classwork will be accepted with a 10% grade deduction (one letter grade) for each day late. If you missed a test, quiz, or lab activity, you must to have arrange a time with me to make it up outside of class.

Expectations:

I have high expectations for **ALL** students in my class. We will practice thinking critically, skeptically, and scientifically. We will also work on communicating scientifically.

As your teacher, I promise to maintain a respectful, productive and organized classroom for **ALL** students. I expect each one of you to treat everyone in our classroom with kindness and respect.

Science is based on asking questions!

If at anytime you do not understand something, please ask! Chances are other students in the class have the same question. If you need additional help, please arrange a time to see me at lunch, resource, or after school.

HAVE FUN! Our goal is to become lifelong learners!

***First Assignment:** You must have a science section in your notebook and this paper signed by _____.

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____