



**Liberal
Arts
Math**

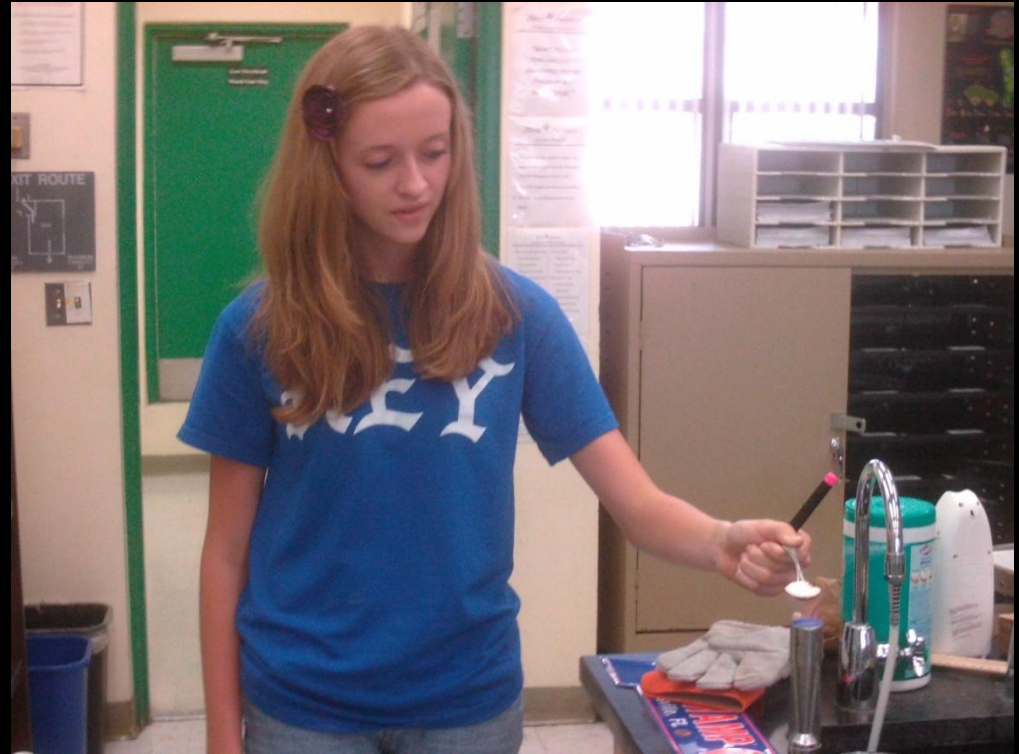
*Man's Flight Through Life is
Sustained by the Power of
His Knowledge*

Class Motto



Safety

- Fire
- Adverse Weather
- Lockdown
- Bathroom Pass



Who Is This Guy?



- Northeast High School
- BS, Engineering & History, USAFA
- MAS, Aeronautical Science, Embry-Riddle
- USAF KC-135 Instructor/Evaluator Pilot
- Middle School Math
- Devil Physics
- Gator at Heart



Assigned Seats

- There is a method to the madness
- Cooperative Learning – Not Cheating
- Homework review
- Quizzes
- Attendance



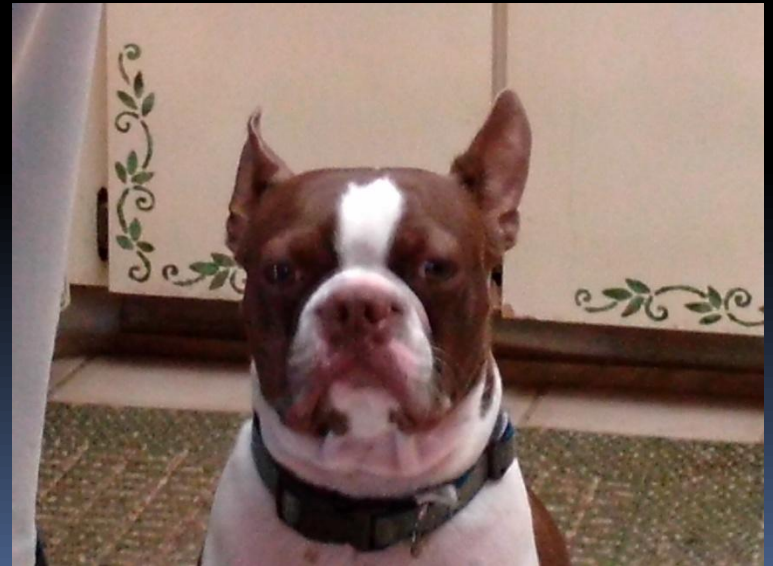
Grades

- Total Points System
- Worksheets
 - 1 point per page
 - Must get at least half of the answers right to get credit
 - Normally one assignment every day



Grades (cont.)

- Chapter Tests
 - 25-35 points each
 - About 2 tests per six weeks
 - Make-up tests



What You Need

- **Pencil – for computations**
- **Blue or other colored pen for correcting homework**
- **Notebook paper**
- **Calculator**
- **Water bottle – preferably a reusable metal one**
- **Student resource center available in cases of Student Emergencies**

Conduct and Academic Performance

- **Conduct infractions will be dealt with in accordance with the SPHS Discipline Policy**
- **Failure to Meet Expectations. I will follow the guidelines set forth in the SPHS Response to Intervention (RTI) procedures. In general, if a student fails to meet the expectations of this class, they can expect:**
 - **An individual conference with the teacher**
 - **Phone call to the parents**
 - **Conference with the student and parents**
 - **Referral to appropriate staff agency (disciplinary or academic) for intervention**
- **For IB Students, failure to maintain academic standards will be dealt with in accordance with SPHS IB Policies and Procedures**

Class Rules

- We will not lie, cheat or steal, nor tolerate among us anyone who does. (USAF Academy Honor Code)
- We will respect ourselves and others.
- We will act professionally at all times.
- We will do our best.



Expectations A Two-Way Street

- **Teacher and students will come to class.**
- **Teacher and students will come to class on time.**
- **Teacher and students will come to class prepared to teach/learn with all needed materials.**

Expectations A Two-Way Street

- **Students will complete homework assignments as soon as possible after material has been presented.**
- **Teacher will grade all assignments as soon as possible but no later than one week after turn in (tests).**
- **Teacher will put all grades into the grading system by midnight every Sunday so it is visible to students and parents.**

Expectations A Two-Way Street

- **Students will seek help whenever anything is not understood.**
- **Teacher will be available for extra help after school a minimum of 1.5 hours per day, three days per week.**

Expectations A Two-Way Street

- **Students will place safety as the paramount concern at all times.**
- **Teacher will provide a physically and emotionally safe working environment for students at all times.**
- **Teacher and students will give their best effort in all endeavors.**

Housekeeping

- Food and Drinks
 - This is a privilege
 - During individual work time
 - Clean up after yourself
- Bathroom/Water Fountain

Course Outline

- Welcome and Administration
 - Computer #
 - Computer Access (R2.D2)
 - Student Information Sheet
 - Diagnostic Test
 - Class Procedures

Course Outline

- Number Theory
 - Fractions
 - Addition and Subtraction
 - Multiplication and Division
 - Mixed Numbers and Improper Fractions
 - Working with Rates

Course Outline

- Number Theory
 - Decimals
 - Addition and Subtraction
 - Multiplication and Division
 - Converting Decimals to Fractions
 - Converting Fractions to Decimals

Course Outline

- Number Theory
 - Percents
 - Percents to Fractions, Fractions to Percents
 - Multiplication with Percents
 - Applications
 - Multiple Discounts
 - Sales Tax
 - Tipping

Course Outline

- Number Theory
 - Real Numbers
 - Add and Subtract on a Numberline
 - Add and Subtract without a Numberline
 - Multiply and Divide Real Numbers

Course Outline

- Number Theory
 - Exponents and Roots
 - Using Exponents
 - Finding Roots
 - Operations with Exponents

Course Outline

- Number Theory
 - Scientific Notation
 - Converting Whole Numbers
 - Converting Decimals
 - Operations with Scientific Notation

Course Outline

- Number Theory
 - Section Review
 - Section Test

Course Outline

- Algebra in Practice
 - Number Theory
 - Order of Operations
 - Variables, Properties and Equations
 - Proportions
 - Inequalities
 - Functions
- Geometry in Practice

Life Expectations – By Bill Gates



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ANY QUESTIONS?

Still Not Motivated?

