Welcome to Honors Physical Science



Mr. Neddo



Take Out a Piece of Paper

Write down 10 things that you would like to have and things that you would like to avoid in a job

- Blue Collar Careers
 - Member of the working class that performs manual labor
- White Collar Careers
 - Person who performs professional, managerial, or administrative work. Typically white collar work is performed in an office or cubicle

Sales

Conduct the sale of services or items.
 Typically salespeople are paid on their production instead of by the hour

- Traditional Business Owner
 - Building their own business where they are the boss and they call the shots
 - Reality for Business Owners
 - Step 1- spend all of their own and OPM to get started
 - Step 2- DEBT, DEBT, DEBT
 - Step 3-Instead of focusing on what they are good at, they have to be everything to the business
 - Step 4- They struggle
 - Step 5- They succeed or they fail

- The Investor
 - Those that have incredible knowledge and skill to earn enough return on an investment to live off of

The New Economy

- Over the last 100 years- The rise of corporations
 - Step 1- Go to school to learn how to be an employee
 - Step 2- Find a company to employ you
 - Step 3-Work for that company for 40 years
 - Step 4- Retire

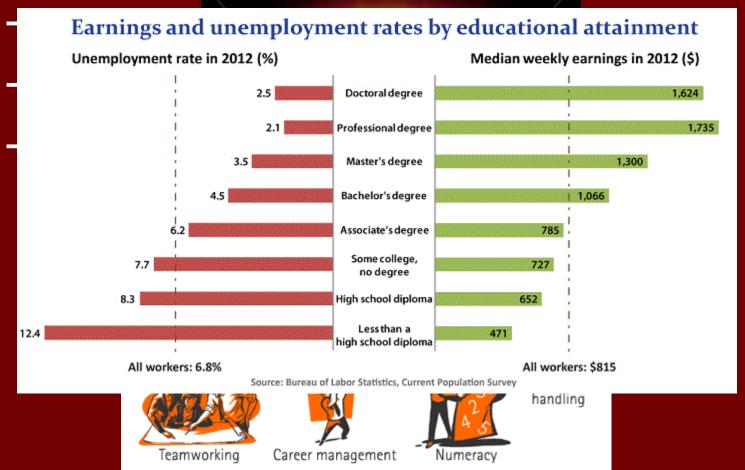
The New Economy

- Recent Years- Loyalty
 - Step 1- Go to school to learn to be an employee
 - Step 2- Find a company to employ you
 - Step 3- Switch companies for various political and economic reasons every three to five years over the course of your career
 - Step 4- Find that you can't retire comfortably after 40 years, so you keep working

What will the Future Look Like?

Why Learn Science?

■ The Economic Argument



1st Semester - Physics

- Unit 1- Motion
 - Speed and Velocity
 - Acceleration
 - Graphing Motion
- Unit 2- Laws of Motion
 - Inertia
 - F=m*a
 - Gravity

1st Semester - Physics

- Unit 3- Energy
 - Classification of Energy
 - Work & Power
 - Conservation of Energy
 - Energy Transfer
 - Thermodynamics

1st Semester - Physics

- Unit 4- Electricity
 - Circuits & Symbols
 - Ohm's Law
 - Types of Circuits
 - Measuring Electricity

2nd Semester – Chemistry

- Unit 1-Basics of Science
 - Classification of Matter
- Unit 2-Properties of Matter
 - Density
 - Atomic Structure
 - Periodic Table

2nd Semester – Chemistry

- Unit 3- Changes of Matter
 - Naming Compounds
 - Oxidation Numbers
 - Ionic Compounds
 - Covalent Compounds
- Unit 4- Conservation of Mass
 - Law of Conservation of Mass
 - Balancing Chemical Equations
 - Classifying Chemical Reactions

Expectations

A Lot of...

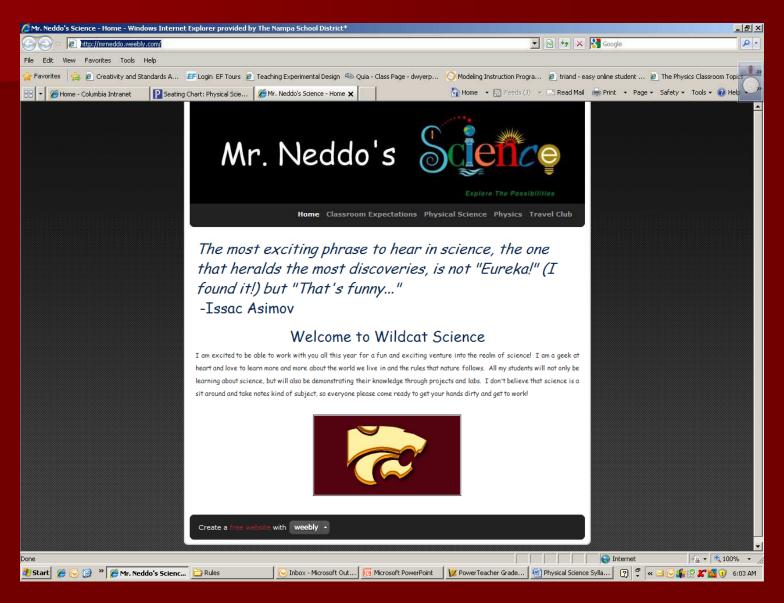
Hard Work

No Attitude

Ask Questions

Have Fun

Class Website



Essential Facts Binder

- Absolutely a MUST-HAVE
- Essential Content that the State Requires you to have
- You will not pass this class if you do not have a binder
 - This is your homework
 - Study guide
 - Notes

- Required Materials
 - ½" to 1" Binder
 - 5- 3 hole dividers
 - Loose Leaf Notebook Paper
 - Pencil and Pen
 - Calculator
- Not having these materials means you are tardy

- School Wide Rules
 - 1. Follow Directions
 - Specifically Student Handbook
 - 2. Be in your seat when the tardy bell rings
 - 3. No put downs or name calling
 - 4. No swearing
 - 5. Bring pen, pencil, notebook (textbook) everyday

- My Classroom Specific Rules
 - 6. No Electronic Devices



General Rules

Generic Rule #1

If you do something I do not like, I'm going to do something that you do not like!

Generic Rule #2
Do not mess with my stuff!

- Consequences
 - 1. Warning
 - 2. 30 Seconds after Class
 - 3. 1 Minute after Class
 - 4. Parent Contact
 - 5. Buddy Room
 - 6. Send to Dean

- Lab Groups
 - Set for the Quarter
 - Don't get comfortable

- Homework
 - Even if you get your work done before the end of class, IT'S STILL CALLED HOMEWORK!
 - Name
 - Grade in class
 - Late work
 - Still turn in your work, even if it is late
 - I will accept late work until 1 week after the end of the unit test

When is the time to worry about your homework?

When is the time to worry about your tests?

When is the time to worry about summer school?

- Absences/Make-up Work
 - Collect all handouts
 - If you have questions, ask someone in your lab group, then ask Mr. Neddo at the appropriate time
 - Done outside of class
 - Tests and missed labs

- Test/Quiz Taking
 - Class will assume test taking mode
 - Stay quiet during and after the test
- Cheating
 - DON'T DO IT!!!

- Extra Credit
 - Solely at Mr. Neddo's discretion

	#	Points Each	Total Points for Semester	% of Grade
Quizzes	12	10	120	13%
Tests	4	100	400	43%
Homework	???	???	???	???
Binder Checks	4	50	200	22%
Final	1	200	200	22%
		Total	920	100%

- Your Grades
 - Be responsible for your own grades
 - If a mistake has been made
 - Notebooks are the key to your passing the class
- If changes need to be made...

Daily Class Flow

- Come in and work on focus question
- Go over focus question
- Homework Due
- Grade Homework
- Begin Day's Activities
- Do Your Best Work!

You can't do better than your best, but your best can always get better!

Free Time

- Reading
 - After homework is done
 - Reading Time
- Video Clips
- Movies

End of the Block

- Remain in your seat
- No Hover Zone
- Mr. Neddo let's you out, not the bell!

Growth



Your High School Career

■ Special