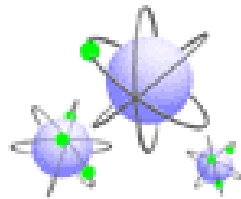
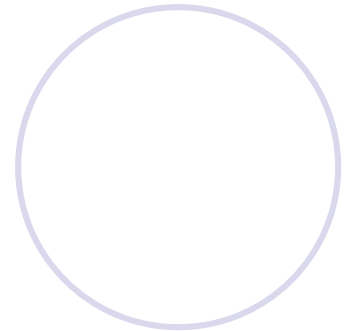
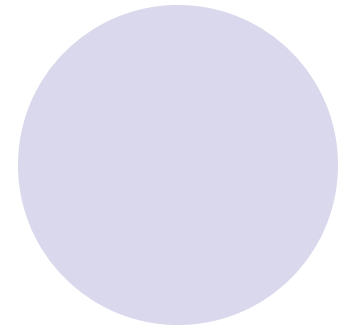
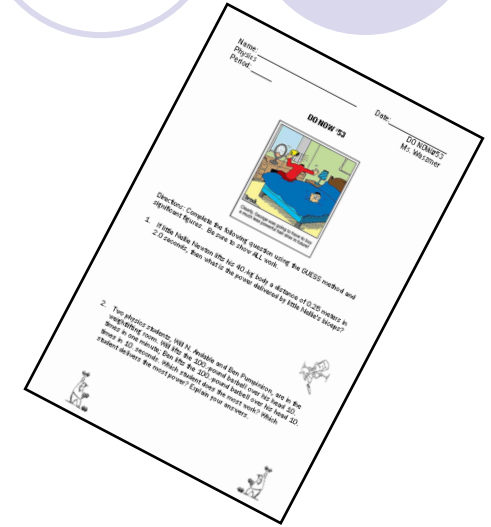


Welcome to SI Physics



Our Daily Routine

- Do Now
 - Go over the Do Now
- Go over last night's homework
 - Homework is checked for completion and required work being shown
- Hand in any assignments due
- Notes / Lab / Lab Activity



Mrs. Nadworny's Website

- Home
- AP
- Scientific Investigation
- Open House
- Resources
- Substitute Share



Welcome to Physics!

Please click on the appropriate link above to find the resources for your class

Please use the form below to contact me.

Contact Mrs. Nadworny

denise.nadworny@northport.k12.ny.us

OR

Complete the form below

** Indicates required field*

Name *

First	Last
-------	------

Choose your level.

- AP
- SI
- Intro

Email *

Comment *

SUPPLIES

- Students should have:

- 2 binders

- notes, store old papers at home

- Pens

- Pencils

- Ruler

- Protractor

- Calculator

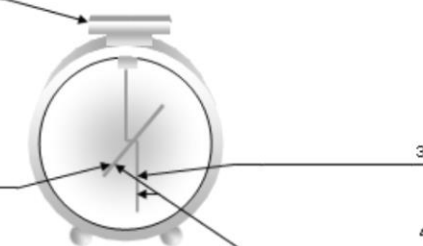


These should be brought to class
EVERYDAY!

GUIDED NOTES

Student Copy





the electroscope



1. What is the position of the see-saw when the electroscope is uncharged?

2. What is the position of the see-saw when the electroscope is charged?

Induced Charge Separation

<p>Negative Rod</p> 	<p>Positive Rod</p> 
<p>Electron flow:</p> 	<p>Electron flow:</p> 
<p>Reaction of see-saw:</p>	<p>Reaction of see-saw:</p>



← Demonstration

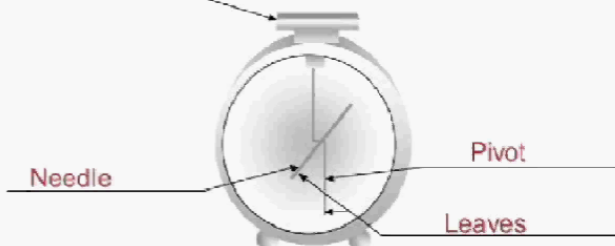
PowerPoint Slide



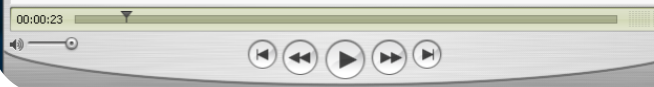
Electroscope

File Edit View Window Help

The Needle Electroscope



00:00:23



QuickTime Movie

Course Information



- Curriculum is Honors Level – preparing for college level physics (AP Physics or Science Major)
 - Test (almost) every 2 weeks
 - Test corrections below 80%
 - Parent Signature also below 65%
 - Need 30 “Lab Hours” to take Regents
 - Stored in classroom
 - Corrections needed if grade is below 65%
 - Studying outside of class is crucial for success!
 - Common Midterm Assessment in January
 - Regents exam is the final exam for the course

Why is SI harder?



- We're preparing students for future studies in physics at the college level.
- Cover three extra units and most units cover more material. (About 8 weeks of extra material.)
- Each test has college level questions.
- Move at a faster pace to cover all material in time, with less review for each test.
- More Homework & Labs
- Cumulative 'Honors Only' Final in June
 - Counts as several test grades in the fourth quarter

Parent Portal



- Grades will be updated on Parent Portal at the end of every chapter (approximately every two weeks).
- Labs take longer to grade and may appear later in the quarter.
- Any item with a grade of “**missing**” **CAN** be made up. The longer it takes the student to make it up, the less partial credit it will receive.
- Any item with a grade of “**0**” **CANNOT** be made up.
- At the end of the quarter the lowest test is dropped (with required test corrections) and will appear as a “**d**”. This does not count against the student’s grade.

Castle Learning

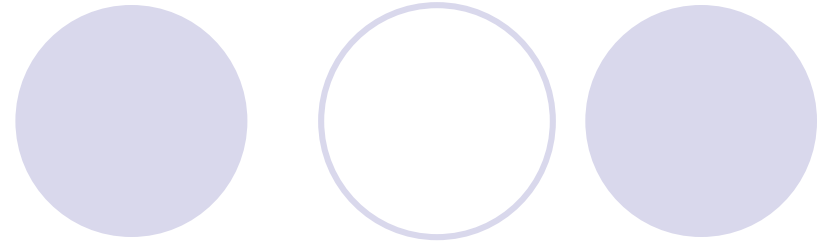
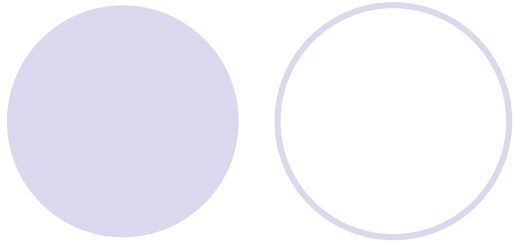


- Every student has a unique log in (nps.firstname.lastname)
- There will be required reviews on Castle Learning before every test.
- There will be required reviews to study for the Common Midterm Assessment, the Regents Exam, and the Cumulative Honors Only Final.
- There will be optional reviews for the Quarter Review Tests.

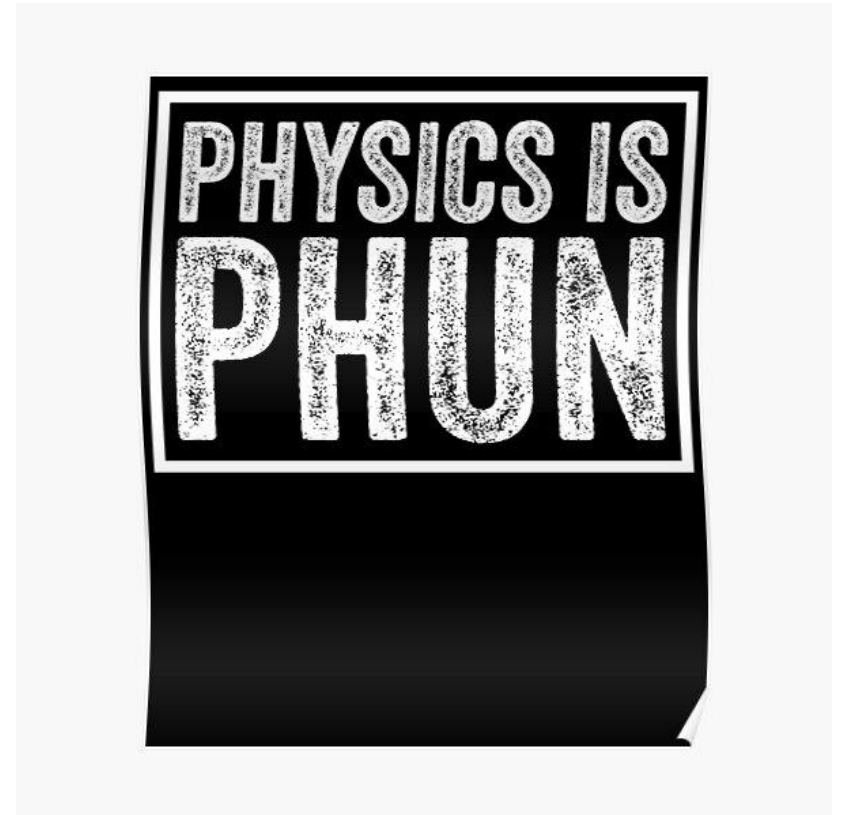
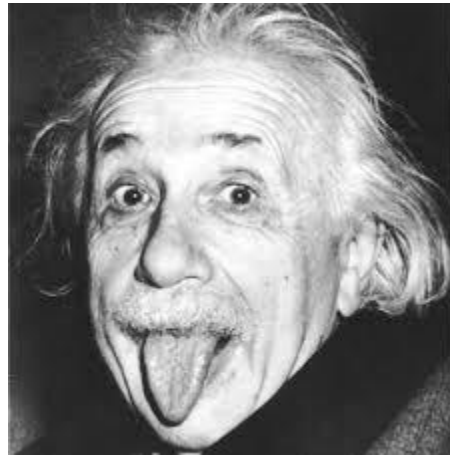
Textbook

The word 'Textbook' is positioned at the top left. To its right and below it are two circles: a solid light purple one and an outlined light purple one. Further to the right, there are three more circles: a solid light purple one, an outlined light purple one, and another solid light purple one.

- The textbook is used for supplemental reading. There is an online version therefore hard copies are not handed out unless a student requests one.



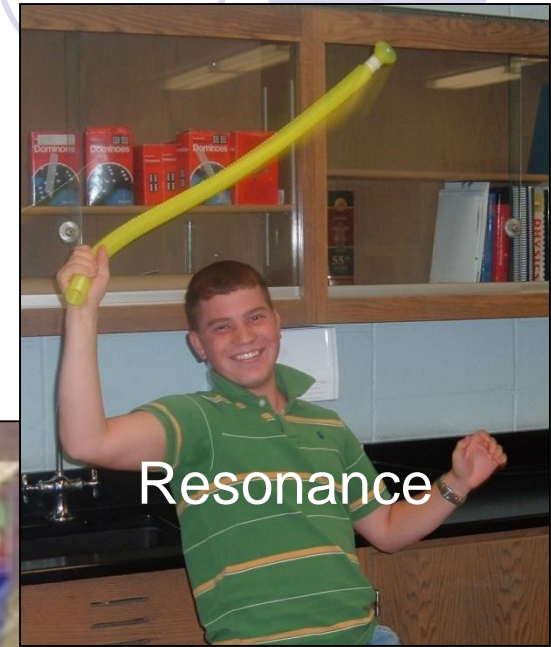
Physics may be a very challenging course; doesn't mean we can't have a little fun while learning.



Learning about motion with toys



Linear Motion Activity



Resonance



Measuring

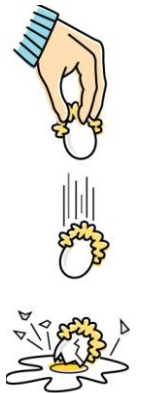


Learning about Forces with Hovercrafts

This is a lot of work!



Learning about Momentum & Impulse with Eggs



Van der Graaf Generator



Learning about Energy with Rollercoasters



Learning about Projectile Motion with Rockets





Need to contact me?

- E-mail

- Denise.Nadworny@northport.k12.ny.us

- Checked daily, but not during the evenings.

- Phone 631-262-6704

- I may not see the message until the next day

The slide features five light purple circles arranged in two rows. The top row contains three circles: an empty one on the left, and two filled ones on the right. The bottom row contains three circles: two filled ones on the left and one empty one on the right. The text is centered horizontally between the two rows.

Thank you for your support!

Have a goodnight.