

**Please visit the.....**



**Newton High School**  
*Respectful, Accountable, Motivated, Successful*

## TITLE I

# PARENT RESOURCE CENTER



**\*LOCATED IN THE MEDIA CENTER\***

# Strategies and Resources for English/Language Arts

## Resources:

+Springboard Online : *companion to your child's textbook*

+USA Test Prep:*practice questions, review activities, and remediation resources for End of Course tests*

+Quizlet: *flashcards and study guides for all subjects*

+Khan Academy: *videos and tutorials on grammar and writing concepts, as well as SAT and ACT prep.*

+Flocabulary: *videos and other helpful ways to learn new words*

+College 411: *preparing for life after high school*

+Sparknotes: *basic study guides for readings, novels, and plays*

Strategies: Use these to help students with their assignments



## **RACE Strategy:**

R Restate the question

A Answer the question

C Cite the text/source

E Explain the evidence



## **TP-CASTT Strategy:**

T Title

P Paraphrase

C Connotations

A Attitude

S Shift

T Title (Again)

T Theme



## **SMELL Strategy:**

S Sender/Receiver

M Message (summary)

E Effect

L Logic



# Mathematics Online Resources for Student/Parent Support



Resource	Website	Description
	<a href="https://clever.com/in/newtoncounty">https://clever.com/in/newtoncounty</a>	<p><b>Clever</b> is an all in one resource depot to help students achieve their learning goals.</p>
	<a href="https://newtonga.springboardonline.org/">https://newtonga.springboardonline.org/</a>	<p><b>SpringBoard</b> is the College Board's print and digital program for all students in grades 6–12. It provides a customizable pathway integrating rigorous instruction, performance-based assessment, and exemplary professional learning.</p>
	<a href="https://www.desmos.com/calculator">https://www.desmos.com/calculator</a>	<p><b>Desmos</b> is an advanced graphing calculator implemented as a browser application and a mobile application. In addition to graphing both equations and inequalities, it also features lists, plots, regressions, interactive variables, graph restriction, simultaneous graphing, piecewise function graphing, polar function graphing, two types of graphing grids — among other computational features commonly found in a programmable calculator.</p>
	<a href="https://www.khanacademy.org/">https://www.khanacademy.org/</a>	<p><b>Khan Academy</b> is a non-profit educational organization created as "free, world-class education for anyone, anywhere." The organization produces short lectures in the form of YouTube videos. In addition to micro lectures, the organization's website features practice exercises and tools for educators. All resources are available for free to anyone around the world.</p>
	<a href="https://newton.instructure.com/">https://newton.instructure.com/</a>	<p><b>Canvas</b> is a Learning Management System for the school system. Students can complete assignments, participate in discussions, etc. Teachers can send announcements, grade assignments with annotations, post files and resources for the students to view, video conference with students and share their screen with the students.</p>
	<a href="http://www.coolmath.com/">http://www.coolmath.com/</a>	<p><b>Cool Math</b> has free online cool math lessons, cool math games and fun math activities. Really clear math lessons for all math's including pre-algebra, algebra, pre-calculus, etc.</p>
	<a href="https://quizizz.com/">https://quizizz.com/</a>	<p><b>Quizizz</b> has fun multiplayer classroom quizzes to help students practice with fun and on their own time. Teachers can review data from the game.</p>
	<a href="https://www.youtube.com/">https://www.youtube.com/</a>	<p><b>YouTube</b> is a free video sharing website that makes it easy to watch online videos. Almost any mathematical concept can be found on YouTube.</p>



# Mathematics Online Resources for Students and Parents



WabbitStudio Z80 Software Tools  
For Windows and Mac OS X and Android

Online graphing calculator  
<https://wabbit.codeplex.com/>

Directions to Install below  
<https://www.youtube.com/watch?v=UTuwtWjQDCY>

## Quizlet

<https://quizlet.com/students>

Vocabulary practice and More-Enter the topic into the "Search" at the top of the page

## Skubes

<http://www.skubes.com/>

Videos

**Math Homework Help-Click on Lessons and enter topic**



Learning Guides

<http://www.shmoop.com/learning-guides/>



Go to <http://schools.shmoop.com/login/newton-high-school/> to create an account.

Student magic word: AMORPHOUS

Afterwards use <https://schools.shmoop.com/>



<http://www.usatestprep.com/member-login>

Login: NHS  
Student Activation: newton81

EOC practice and review

### Math

- Math Concepts
- Math Applications
- By Grade Level
- By Device
- All Sims
- Translated Sims



<https://phet.colorado.edu/en/simulations/category/math>

Simulations



## Additional Mathematics Resources by Content for Students & Parents

### For Algebra 1, Geometry, and Algebra 2

- Khan Academy [www.khanacademy.org](http://www.khanacademy.org)
- New York Regents Test Prep
  - Algebra 1 -- <http://www.regentsprep.org/Regents/math/ALGEBRA/math-ALGEBRA.htm>
  - Geometry - <http://www.regentsprep.org/Regents/math/geometry/math-GEOMETRY.htm>
  - Algebra 2/Trig -- <http://www.regentsprep.org/Regents/math/algtrig/math-algtrig.htm>

### For AP stats

Statmonkey.com

Startech.com

Shmoop.com

### For Advanced Algebra:

Usatestprep.com

Shmoop.com

### For Pre-Calc

Khan Academy [www.khanacademy.org](http://www.khanacademy.org)

Wabbit.emu until studnets can buy a graphing calculator.



## Science Resources for Students and Parents



<http://www.gpb.org/education>

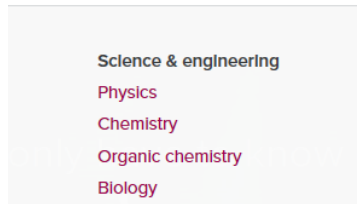
Videos  
Physics, Chemistry and Physical Science

Quizlet

<https://quizlet.com/students>

Vocabulary practice

KHANACADEMY



<https://www.khanacademy.org/>

Videos

shmoop we speak student

Learning Guides

<http://www.shmoop.com/learning-guides/>

shmoop University

Go to <http://schools.shmoop.com/login/newton-high-school/> to create an account.

Student magic word: AMORPHOUS

Afterwards use <https://schools.shmoop.com/>

USATEST  
PREP  
Your Classroom Partner

<http://www.usatestprep.com/member-login>

Login: nhs  
Student Activation: newton81

EOC practice and review

PhET  
INTERACTIVE SIMULATIONS

Simulations  
New Sims  
HTML5  
Physics  
Biology  
Chemistry

<https://phet.colorado.edu/en/simulations/category/new>

Simulations



## Additional Biology Resources for Students & Parents

### Biology Content

1. Pearson Hall Biology Textbook  
<http://www.phschool.com/webcodes10/index.cfm?area=view&wcprefix=cbk&wcsuffix=9999>
2. The Biology Project  
<http://www.biology.arizona.edu/default.html>
3. Bio Coach  
[http://www.phschool.com/science/biology\\_place/biocoach/index.html](http://www.phschool.com/science/biology_place/biocoach/index.html)
4. Biology Corner  
<https://www.biologycorner.com/bio1/index.html>

### Biology Homework Help

1. Infoplease  
<http://www.infoplease.com/homework/science-life.html>
2. About Biology  
<http://biology.about.com/od/biologyhomeworkhelp/a/aa103105a.htm>

### Biology Games & Activities

1. ZeroBio  
<http://www.execulink.com/~ekimmel/index.htm>
2. Bioman Bilogy  
<http://www.biomanbio.com/>
3. Canary Zoo  
<http://www.canaryzoo.com/Biology%20Games.htm>



## Additional Chemistry Resources for Students & Parents

- 1) GPB Chemistry  
<http://www.gpb.org/chemistry-matters>  
<http://www.gpb.org/chemistry-study-of-matter/students/chemistry/all>
- 2) Chem Tutor Gen Chem  
<http://www.chemtutor.com/>
- 3) Chem Team Gen Chem  
<http://www.chemteam.info/ChemTeamIndex.html>
- 4) Khan Academy AP Chem , Gen Chem  
<https://www.khanacademy.org/science/chemistry>
- 5) MITopen course ware  
<http://ocw.mit.edu/high-school/chemistry/>
- 6) Mr. Kent's Chemistry Page  
<http://www.kentchemistry.com/> Ap Chem  
  
<http://www.kentchemistry.com/links/RegentsLinks.htm> Gen Chem
- 7) Chemmy Bear  
<http://chemmybear.com/>
- 8) Shmoop. Com  
<https://schools.shmoop.com/courses/chemistry-semester-a/course-overview.html>  
<https://schools.shmoop.com/courses/chemistry-semester-b/course-overview.html>

Anatomy resources can be found in the App Store.



# Steps to Social Studies Success



## American Government

### Quizlet

-Find flash cards based on the standards (plug in SSCG\_\_ (insert a number in the blank))

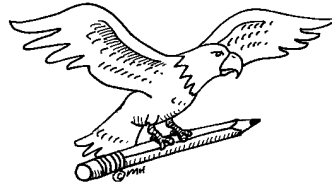
### Youtube- Crash Course American Government

-Information packed videos used for content review.

Brainpop-short animated videos and games over various content.

- [www.icivics.org](http://www.icivics.org)

-Government web quests and games by topic.



## Economics

**Usatestprep.com:**

**Account ID: NHS                      Student code: newton81**

**You tube: for at home review by topic i.e. price floors. mjmfoodie**

**<http://www.econedlink.org/> Helps with a wide variety of econ problems.**

## World History

Usatestprep.com

-Account ID: NHS    Student code: newton81

Sascurriculumpathways.com

-Username: island9round    No password required

Thesaurus.com or Dictionary.com

### Quizlet

-Find flash cards based on the standards (plug in SSUSH\_\_ (insert a number in the blank))

### YouTube

-Crash Course World History

-Hip Hughes World History

## US History

Usatestprep.com

Thesaurus.com or Dictionary.com

### Quizlet

-Find flash cards based on the standards

### YouTube

-Search: SSUSH\_\_ (insert a number in the blank)

Brainpop