

**Stone MS
Curriculum Night
February 5th, 2025**

Grade Level Presentations

The slide features a light blue grid background with decorative elements: a large orange shape at the top right, a green shape at the bottom left, and several small diamonds in red, orange, and green. A central green chalkboard with a yellow border contains the text. On the left, an orange pencil is positioned as if writing. On the right, a yellow pencil is positioned as if writing. Above the chalkboard, a blue and orange eraser is shown.

Algebra 1

Ms. Ruby Brown

Some important information!

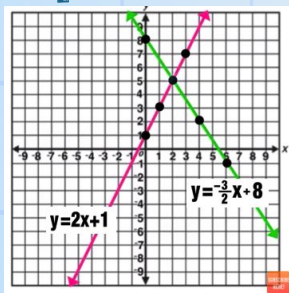
Algebra is a high school level course. If a student earns a passing grade in the course and passes the SOL, they can earn a verified math credit that will count towards their HS diploma.

When taking this course, students should try their best to do well so that they can get a jump-start on their HS career.

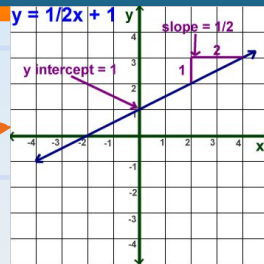
OVERVIEW OF COURSE TOPICS

$$\frac{3x + 2 = 8}{\triangle}$$

Solving
Equations



Systems of
Equations



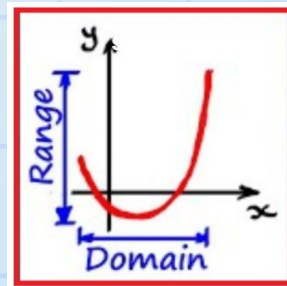
Graphing
Lines

$$\begin{array}{r} \sqrt{54} \\ 2 \overline{) 27} \\ \underline{3 \ 9} \\ 3 \ 3 \end{array}$$

Simplifying
Radicals

$$x^2 + 6x + 8$$
$$(x+4)(x+2)$$

Factoring
Quadratics



Domain &
Range

STANDARD VS HONORS COURSE



Algebra

Algebra is a high school level course that teaches students how to interpret, represent and solve practical problems. Students will also learn to recognize patterns and generalize their findings.



Algebra HN

Within each Unit, Algebra HN students will learn an extra topic or two that will challenge their thinking and test their problem solving skills.

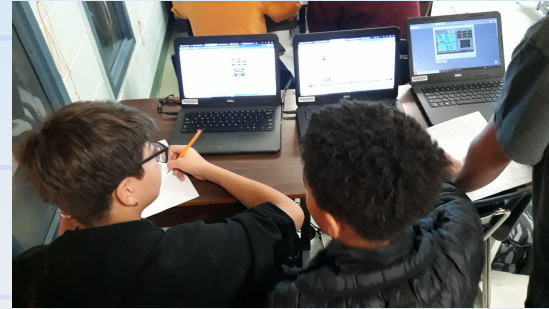
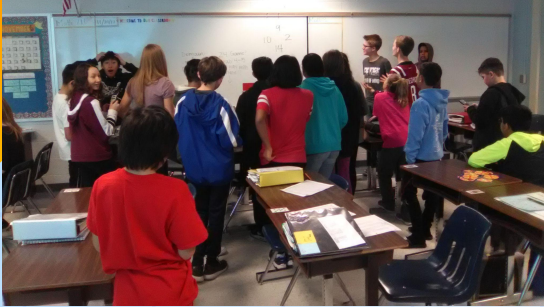
COURSE MATERIALS

- School issued laptop [& charger!]
- Pencils
- Folder or section in binder to keep math notes & practice
- Dry Erase marker



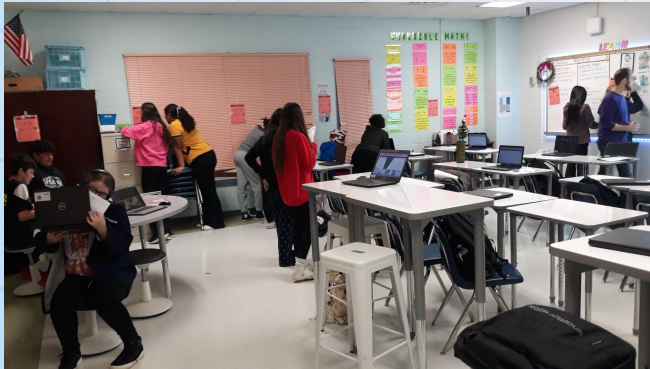
LEARNING LOOKS LIKE...

Collaboration



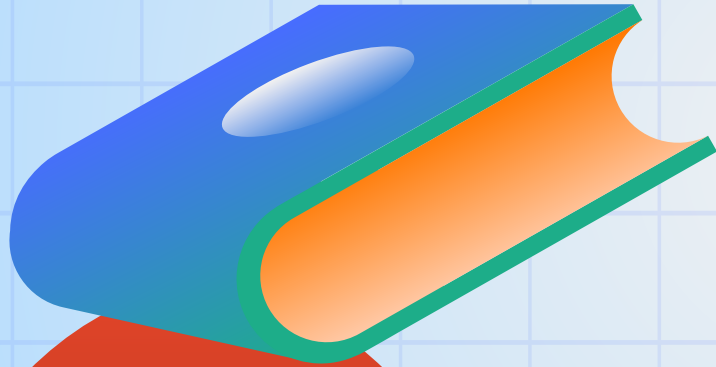
Problem Solving

Movement



Hands on Work

HOMework EXPECTATIONS & SUPPORT



Algebra students will receive a combination of digital practice and hard copy practice. While only some of these practice assignments will be graded, it is important to complete as many as possible!

Students will always have an opportunity to start their practice during class.

How can I support my child at home?

- Check SIS and Schoology regularly
- Encourage your student to reach out to their teacher if they need help or have questions.
- After school on Teacher Tuesday

Stone Mathematics Team

- Ruby Brown - Algebra Team Leader - rsbrown@fcps.edu
- Jenny Sohn - Math Department Chair JYSohn@fcps.edu
- Beth Levy - Assistant Principal and Math Administrator - EDLevy@fcps.edu
- Tami Brumett - Director of Student Services - tlbrumett@fcps.edu

THANKS



Do you have any questions?

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Science 8

Physical Science

Investigating Matter and Energy

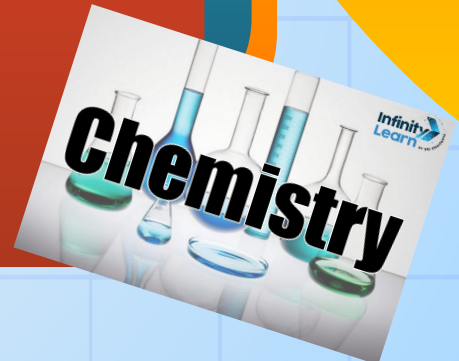
Brian Hollingsworth—CT Lead/Department Chair

Travis Dickason


Ain Nomura

Asmaa Quhaif

Zachary Vargas




OVERVIEW OF COURSE TOPICS


Chemical Bonding

Atoms
Periodic Table

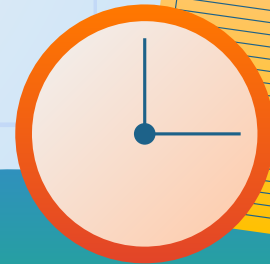



Chemical
Reactions



NECESSARY DAILY COURSE MATERIALS

- School issued laptop [& charger!]
- Pencils
- Folder or section in binder to keep notes & practice



STANDARD VS HONORS COURSE



Science 8

Students are challenged to learn rigorous content at a pace conducive to their learning needs. Students are provided support scaffolds as needed to be successful.



Science 8 HN

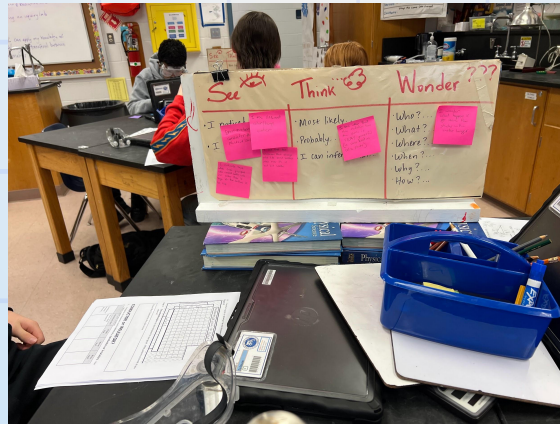
Students are expected to be motivated, independent and capable learners that can work and learn at a more rigorous pace. They often go beyond the regular content with deeper dives into topics. Fewer scaffolds are provided.

LEARNING LOOKS LIKE...

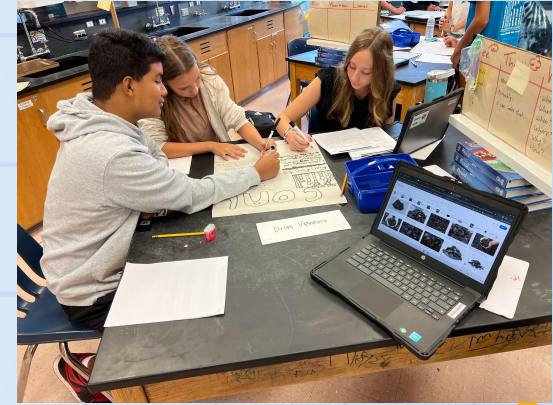
Hands on Inquiry Lab Investigations



Collaboration



Problem Solving



CLASS EXPECTATIONS & SUPPORT

Science students are expected to be:

On Time

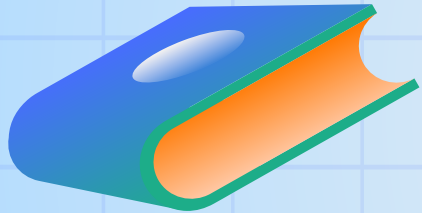
Organized

Ready to Learn/Collaborate

All students will receive a combination of digital practice and paper/pencil practice that is submitted at the end of each lab/lesson to show their understanding of content.

ALL students will receive the supports necessary to access and learn content.

These include: Read Loud digital access, targeted small group instruction, extra help time in class or FB and Tuesdays



How can I support my child at home?

- Check SIS and Schoology regularly for important messages and study material
- Encourage your student to reach out to their teacher if they need help or have questions.



THANKS

If any questions:

dbhollingswo@fcps.edu

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01

Civics and Economics

Hannah Dunfee Conner

OVERVIEW OF COURSE TOPICS

01

Citizenship

How individuals become citizens, responsibilities of citizenship, requirements of citizenship

02

Elections and Voting

The election and campaign process, campaign finance, registration requirements

03

Founding Documents

The fundamental documents and principles that inspired and build American Government.

04

Constitutional Government

Overall structure of government, federalism, checks and balances, separation of power.

OVERVIEW OF COURSE TOPICS

04

Legislative Branch

The makeup of congress, how a bill becomes a law, ratifying the Constitution.

05

Executive Branch

Roles of the president, presidential cabinet

06

Judicial Branch

Court systems, supreme court, felony v. misdemeanor, state court system

07

Economics

We look at personal finance, basic economics, and how economics influences the government.

STANDARD VS HONORS COURSE



Standard

- Follow curriculum guide
- Tests and projects
- Minimal homework
- Most work completed in class



Honors

- Follow curriculum guide
- Tests with essay extension
- More project based assessments
- Heavier workload, emphasis on reading and skills based assignments

HOMWORK EXPECTATIONS & SUPPORT



Students will typically have homework if they did not finish something in class OR if they need to study for a quiz or test!

They should expect to use their class time wisely to manage their workload.

For honors, they may have more difficult activities or larger projects. Their homework load may be larger than general ed.

COURSE MATERIALS/PROJECTS/TRIPS

Community Service

All 8th grade students are required to participate in service to the school, neighborhood or community. Hours can count from the summer between 7th and 8th grade!

Finance Park Field Trip

Students participate in a personal finance simulation as part of the economics unit.



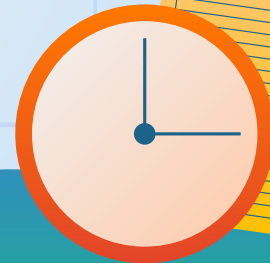
TRIPS

Anticipated Field Trips:

- Court Tours
- Finance Park



Both of these experiences are hands-on with the curriculum we have for the class!



LEARNING LOOKS LIKE...



Community Builder/Warm up

Question or short activity to build community



Mini Lesson

Teacher led lesson on the content



Work Time

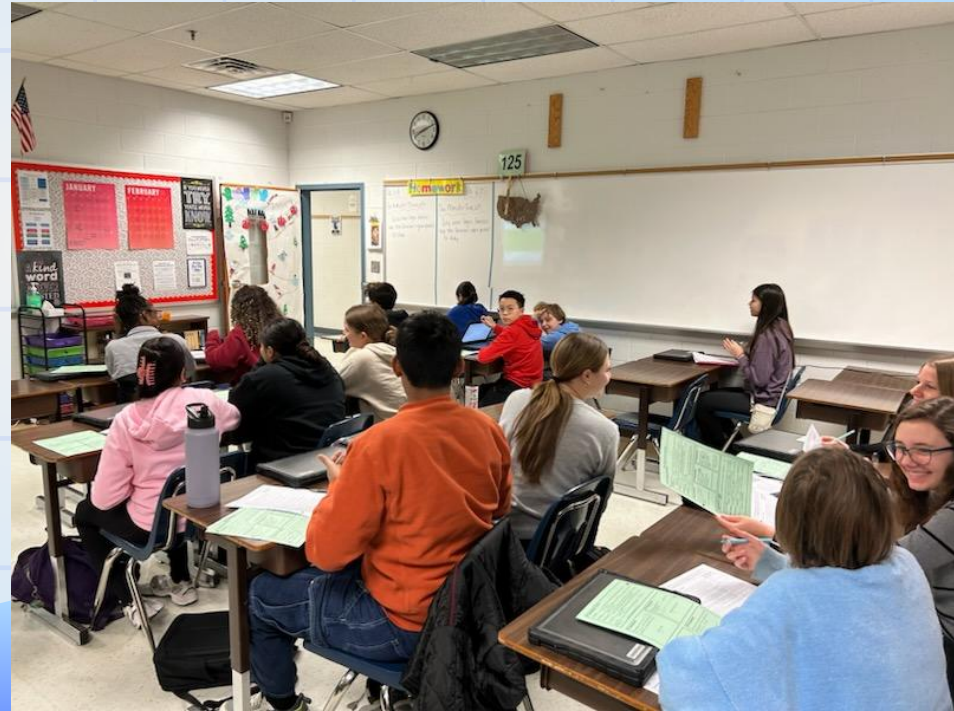
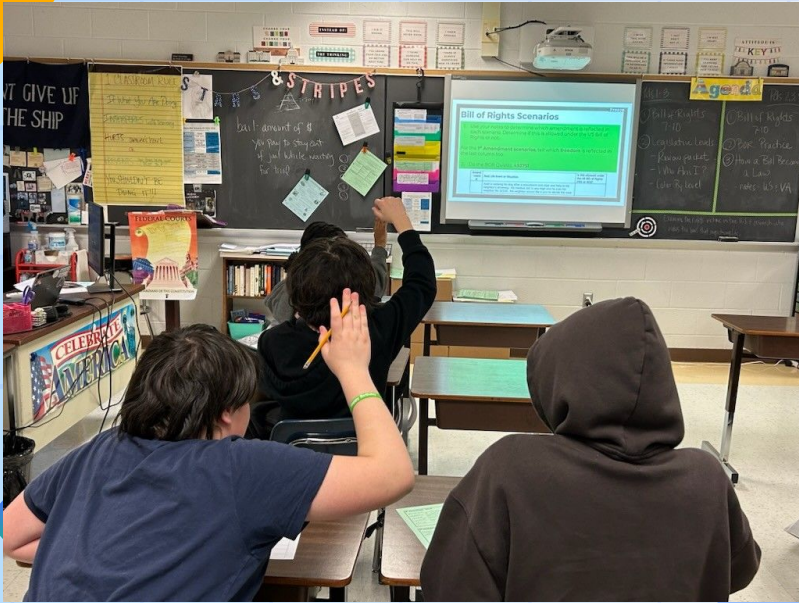
Independent, partner or small group work



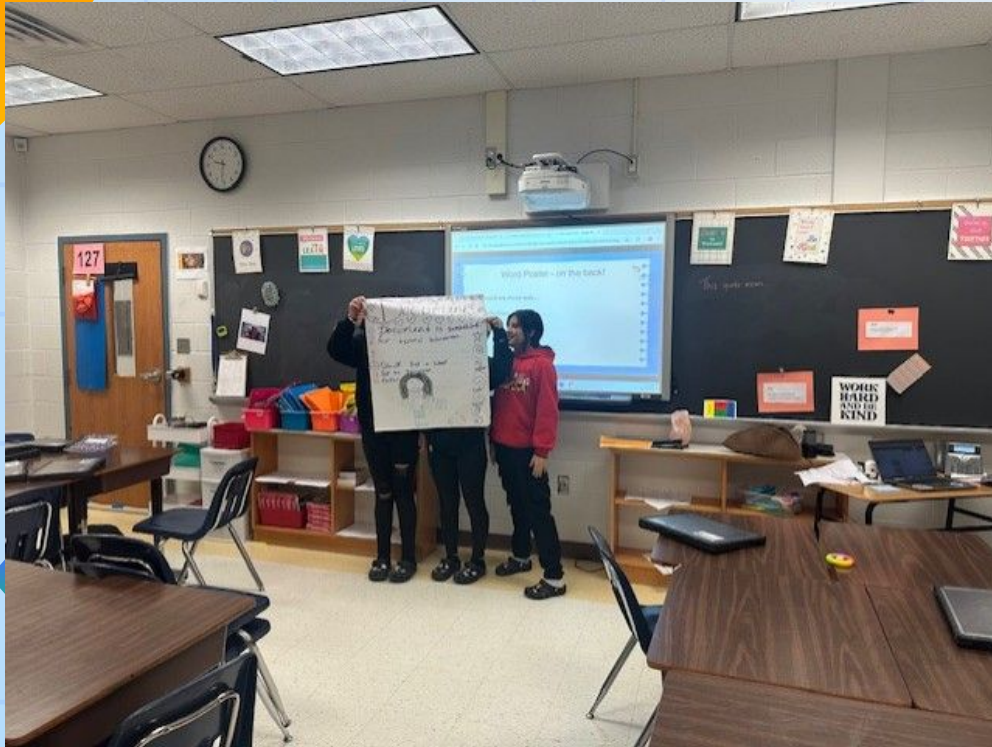
Wrap Up

Lesson Debrief

LEARNING LOOKS LIKE...



LEARNING LOOKS LIKE...



Any questions, please contact:

◆ Tami Brumett
Director of Student Services
tlbrumett@fcps.edu

Beth Levy
Social Studies
Administrator
edlevy@fcps.edu

Hannah Dunfee
Civics CT Lead
hldunfee@fcps.edu

Thank you!

 ◆



English 8

Mr. Calvente -- English Teacher and 8th Grade CT Lead

Literacy Support

Students are **placed** in literacy support courses based on need and data (test scores). Reading courses are year-long courses.

- L.A.P. (Literacy through Active Participation)
 - This class is focused on language comprehension.
- Literacy 7 and Literacy 8
 - This class is focused on word recognition.

Courses are based on the 'Science of Reading' practices. Incentives and contests are embedded in classes to support motivation. Parents/Guardians will receive notification letters in the summer if their student requires a reading support course. Please contact our Reading Specialist, Allison Popsuy, for more information.



These are year long academic support courses. Placement determined by individual student data.



Additional Language to Support Communication:

Based on the current Virginia Literacy Act K-3, which is set to expand to grades 4-8 in the 2025-26 school year, students who demonstrate below-grade level reading will be provided:

- ◆ ● an evidenced-based literacy intervention approved by the state
- a Reading Plan in SIS to monitor their progress

Currently, our criteria are students who score below benchmark on both the Reading SOL AND iReady Reading Assessment. VDOE has not yet shared the criteria for the 2025-26 school year. ◆



OVERVIEW OF COURSE THEMES & WRITING TOPICS

01

Individuality &
Technology

02

Truth & Horror

03

Justice & Places We
Call Home

04

Finding Your Path

STANDARD VS HONORS COURSE



Standard

- Students will still be learning and expanding upon the English standards like:
 - Elements of Fiction
 - Reading Strategies
 - Multi-paragraph Writing
 - Poetic Elements
 - Elements of Nonfiction



Honors

- In honors classes, students can expect to:
 - Read more challenging texts
 - Have more complex and challenging assessments
 - Faster pace of instruction and work completion

COURSE MATERIALS

- Writing utensils [pencils / pens]
- Highlighters
- Sticky notes
- Binder with a section for English class handouts and worksheets
- Wired earbuds / headphones for Lexia
- ◆ Always bring laptop charger



LEARNING LOOKS LIKE...

Independent reading book club books is what our students do during our class time.



Type of Response = Aha Moment

Page # = 20

Response = So on page 20, this is after Polly's death, people are talking in the coffee shop about the death. A doctor comes to the conclusion that she died of Yellow Fever, but Yellow Fever hasn't been around in 30 years (in Philadelphia).

Here's an example of what an independent reading stop and jot looks like.

LEARNING LOOKS LIKE...

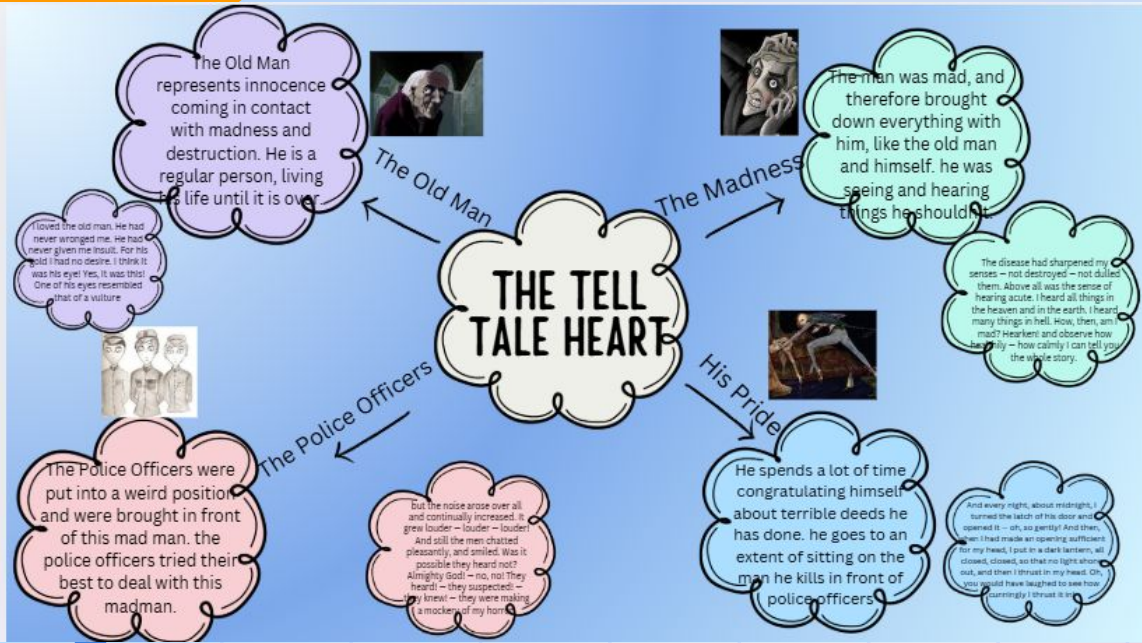


Collaborating on a task.

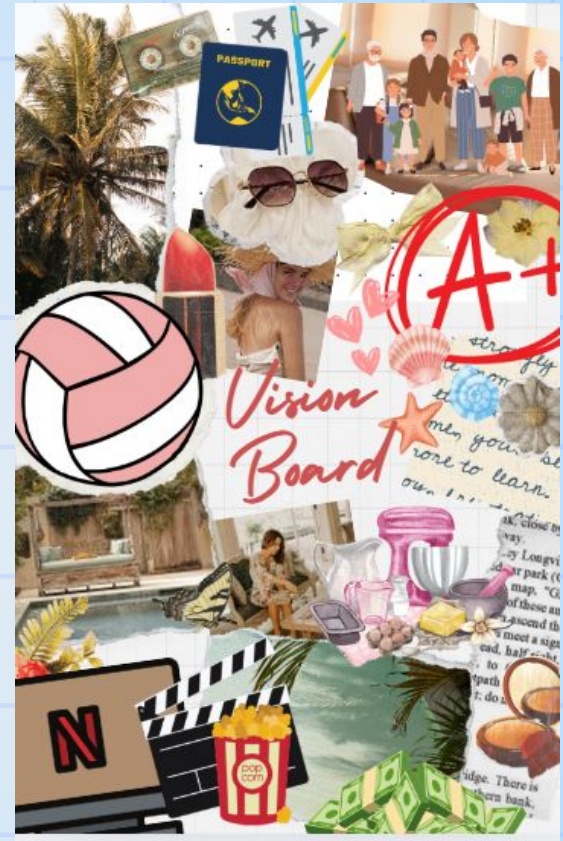


Students working on Lexia to build skills with grammar, word study, and comprehension.

LEARNING LOOKS LIKE -



Creating a Mind Map



Creating a Vision Board

LEARNING LOOKS LIKE -


Dear Charlie,

I have been noticing you treating others disrespectfully. I wrote this message hoping to make a change. I think you should start treating others with respect and maybe they will too.

I am worried that in the future you won't be stable enough to live if you keep getting in trouble.

You should stop being mean to your brothers and start being nice so that you guys can be a family. I believe that you should stop hanging out with Aaron, he is a very bad influence and is involved with gang activity.

**Book Project Choice
[Writing a Letter]**

*Miracle's
Boys Trivia* 

TRUE OR FALSE?
HERE YOU ARE GIVEN 5
TRUE OR FALSE QUESTIONS.
EACH PERSON SHOULD
ANSWER WHETHER THEY
THINK EACH QUESTION IS
TRUE OR FALSE. EACH
QUESTION IS WORTH 10
POINTS!

**1. THE PLACE CHARLIE
WAS SENT TO WAS
NAMED RAHWIND. T F**

**2. LAFAYETTE, CHARLIE,
AND TYREES DAD DIED
FROM CANCER. T F**

**Book Project Choice
[Creating a Game]**



A picture is worth a thousand words.

HOMework EXPECTATIONS & SUPPORT



- Independent reading at home for 20 minutes every day is the most important homework your student can do. Being a good reader, with stamina, is needed in all subject areas.
- Finish any class work that couldn't be finished in class. Students can do Lexia at home for 15 minutes every day to help build grammar, word study, and comprehension skills.

How can I support my child at home?

- Check SIS and Schoology regularly
- Encourage your student to reach out to their teacher if they need help or have questions.
- Tutor.com (within all Schoology pages, for all subjects)



Any questions, please contact:

Tami Brumett
Director of Student Services
English Administrator
tlbrumett@fcps.edu

Amir Shahbazi
English Department Chair
arshahbazi@fcps.edu

Joseph Calvente
8th Grade English + CT Lead
jwcalvente@fcps.edu

Thank You!



01

Health & PE 8th Grade

Erik Bergesen

Overview of PE

UNITS:

- Fitness Testing
- Racquet Sports
- Soccer
- Recreation games
- Weight Training
- Volleyball
- Track & Field
- Field hockey
- Floor hockey
- Softball



Overview of Health

Health Units

- Personal & Community Health [PCH]
- Injury and Violence Prevention [IVP]
- Alcohol, Tobacco, and Other Drugs [ATOD]
- Emotion & Social Health [ESH]
- Mental Health & Wellness [MHW]
- Family Life Education [FLE]*

*look for FLE opt out forms in the beginning of the year packet

COURSE MATERIALS

To support health and hygiene, we **STRONGLY RECOMMEND** students change clothes for physical education.

- Shorts & t-shirt
- Sweats for colder weather
- Deodorant
- Athletic shoes
- Please, no CROCS



LEARNING LOOKS LIKE...



HOMEWORK EXPECTATIONS & SUPPORT

If a student needs additional support, they can reach out to their teacher and schedule an appointment to meet during Teacher Tuesday.

Teacher	Email	Voicemail
Erik Bergesen	epbergesen@fcps.edu	703-631-5985
Ann Ellen	eaellen@fcps.edu	703-631-5987
Jamie Sibley	jnsibleyoshi@fcps.edu	703-631-5540
Dan Checkosky	djcheckosky@fcps.edu	703-631-5984
Will Helser	wthelser@fcps.edu	703-631-5539