

Batavia High School Presents

Parent Information Night

Common Core State Standards



An Introduction to the Common Core State Standards and what they mean for you and **your children**

Introductions

Scott Wilson, High School Principal

Nate Korzelius, Science Teacher/Dean of Students

Teacher presenters:

Mr. Krauss, Mr. Stevens, Mr. Ricci, Ms. Ladd, Ms. Burnham, Mr. Kirkwood, Mr. Harnett, Ms. Zeznick, Ms. George

Legislative Liaison Sharon White from Assemblymen Steve Hawley's Office

Tonight's Objectives

- Help parents understand what college readiness is and why it matters.
- Introduce parents to the new standards and help them understand what to look for and how to help their children at home.
- Help parents understand how and why shifting to the CCSS is a process and not an event.

What *is* college readiness?

- What does college-readiness look like?
- When is a student is ready for college?
- What do children need to learn to be ready for college?
- How can parents help?

College and Career Readiness

The new standards will get students ready for success in college and the workforce.



...but what does that mean?

College Readiness



- **College readiness** means that graduates have the skills they need to do well in college.
- **“College”** doesn’t just mean a four-year degree. It can mean any program that leads to a degree or certificate.
- Being **“ready”** means that students graduate from high schools with key skills in English and mathematics.

Career Readiness

- **Career readiness** means that high school graduates are qualified for and able to do well in long-term careers.
- **“Career”** doesn’t just mean a job. It means a profession that lets graduates succeed at a job they enjoy and earn a competitive wage.
- **“Career skills”** The CCSS helps develop skills such as critical thinking, collaboration, and problem-solving as well as 21st century skills that embrace technology.



Why does this matter? Because it's what our students need

For every 100 ninth graders...



65 graduate from high school
37 enter college

24 are still enrolled in sophomore year
12 graduate with a degree in six years

... and only 6 get a good job after graduation



The new standards will...

- **Prepare** students to succeed in college and the workforce
- **Ensure** that every child—regardless of race, ethnicity or zip code—is held to the same high standards and learns the same material
- **Provide** educators with a clear, focused roadmap for what to teach and when to teach it.

What are the Common Core Standards?

- A single set of **clear standards** for English language arts and mathematics
- **A *standard*** is a definition of what a student should understand and be able to do at a certain grade level.
- **A *tool*** to help students and parents set clear and realistic goals for success
- **A *first step*** in providing young people with the high-quality education that will prepare them for success in college and careers

What's different in the new standards?

English Language Arts/Literacy:

- Focus on **non-fiction**, careful reading
- Discuss reading and write using **evidence**
- Increase **academic vocabulary**

ELA Test Question – Pre Common Core

In both the *Demosthenes* biography and the *Icarus and Daedalus* myth the main characters are given advice from other people. Do you respond to advice from other people more like Demosthenes or more like Icarus?

Write an essay in which you explain who you are more like when it comes to taking advice and why. Use details from both articles to support your answer.

In your response, be sure to do the following:

- tell whether you are more like Demosthenes or Icarus
- explain why you are respond to advice similar to Demosthenes or Icarus
- use details from both passages in your response

ELA Test Question – Post Common Core

In both the *Demosthenes* biography and the *Icarus and Daedalus* myth the main characters exhibit determination in pursuit of their goals. Did determination help both main characters reach their goals, or did it lead them to tragedy? **Write an argument** for whether you believe determination helped or hurt the two main characters. In your response, be sure to do the following:

- **describe** how determination affected the outcome in *Demosthenes*
- **describe** how determination affected the outcome in *Icarus and Daedalus*
- **explain** the similarities or differences that exist in the ways determination played into the outcome of both texts
- **use details** from both passages in your response

What's different in the new standards?

Mathematics

- Learn more about **fewer concepts**
- Focus on **skill building, speed, and accuracy**
- Use of **real world examples to better understand concepts**

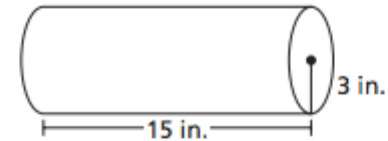
Math Test Question: Pre-Common Core

7.G04

Determine the surface area of prisms and cylinders, using a calculator and a variety of methods.

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The diagram below shows a pillow Chris wants to cover with fabric.



[not drawn to scale]

What is the total surface area of the pillow? Round your answer to the nearest hundredth.

Show your work.

Answer _____ square inches

If Chris shortens the length of the pillow from 15 inches to 12 inches, how much less fabric will she need? Round your answer to the nearest hundredth.

Show your work.

Answer _____ square inches

Math Test Question: Post Common Core

6.G.1

Find the area of right triangles, other triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes; apply these techniques in the context of solving real-world and mathematical problems.

6.RP.1

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

For example, “The ratio of wings to beaks in the bird house at the zoo was 2:1, because for every 2 wings there was 1 beak.” “For every vote candidate A received, candidate C received nearly three votes.”

Domain: Geometry

Item: CR

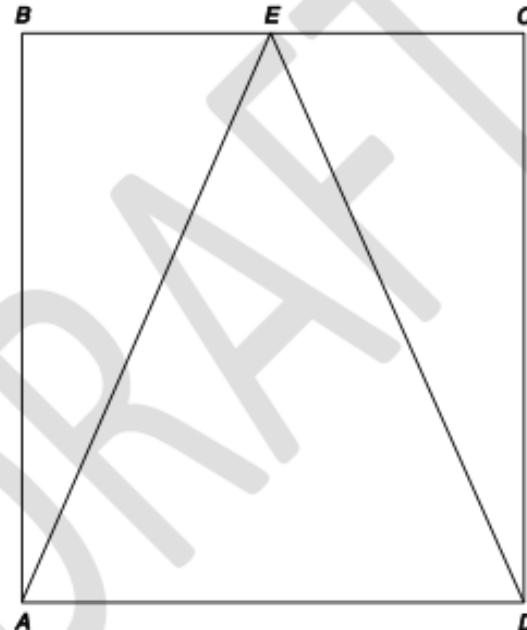
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Triangle ADE is inside rectangle $ABCD$. Point E is halfway between points B and C on the rectangle. Side AB is 8 cm and side AD is 7 cm.

Part A: What is the area of triangle ADE ? **Show your work.**

Part B: What is the ratio of the area of triangle ABE to the area of triangle ADE ?

Part C: What is the ratio of the area of triangle CDE to the area of rectangle $ABCD$?



(Not drawn to scale)

Parent support can help students succeed

- By **staying involved, informed and engaged**, parents can help students be successful
- There are many ways to help:
 - **Read** with your children
 - **Review** and discuss their homework
 - **Communicate** with their teachers
 - **Attend** public meetings to learn more
 - **Learn** about the standards and how they affect your child's education and school
 - **Look** through your child's backpack each afternoon

Activity: After school routines

- What are your after school routines?
- Ask yourself:
 - How closely do I review my child's school work and homework?
 - How often do I communicate with their teachers?
 - How do I celebrate your child's success in school?
 - How do I address poor performance?
 - What is my favorite part of our after school routine?

Backpacks: What you should see

Real-world examples that makes what they're learning in English and math make more sense



Books that are both fiction *and* non-fiction

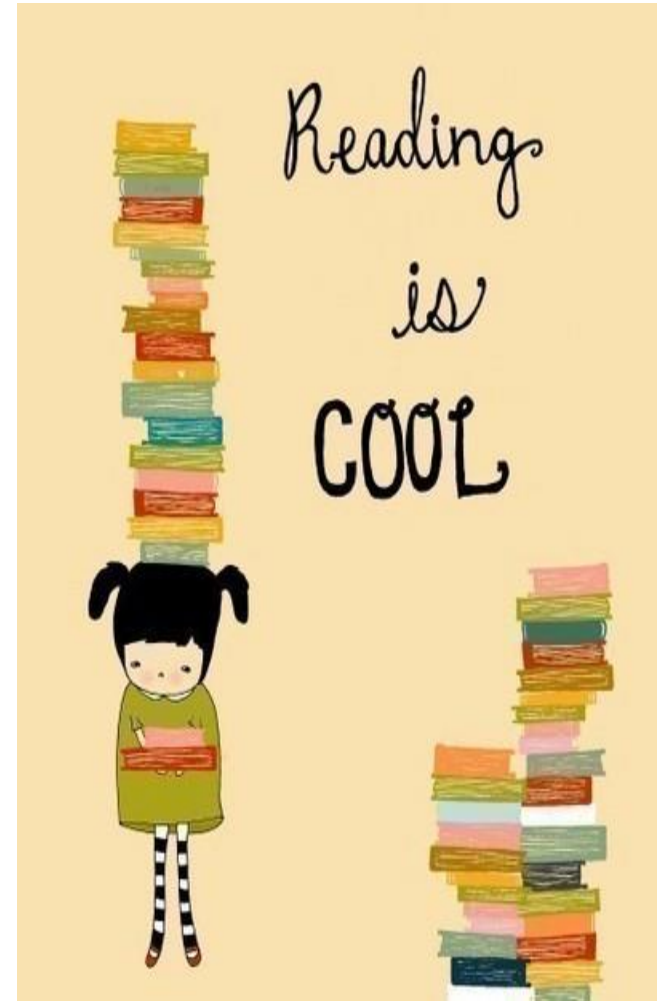
Writing assignments that require students to use *evidence* instead of opinion

Math homework that asks students to write out *how* they got their answer

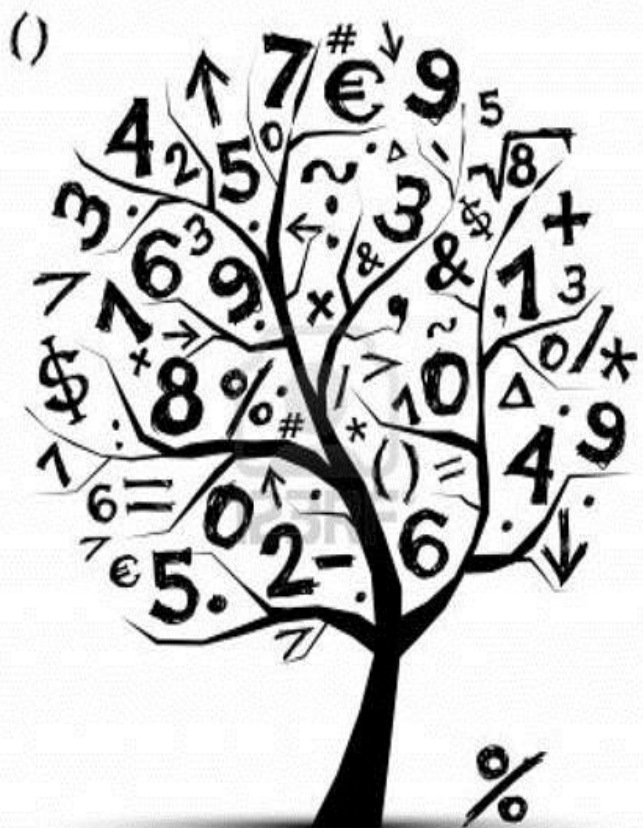
Math homework that ask students to use different methods to solve the same problem

A Closer Look: ELA/Literacy Shifts

- Read as much non-fiction as fiction
- Learn about the world by reading
- Read more challenging material closely
- Discuss reading using evidence
- Write non-fiction using evidence
- Increase academic vocabulary



A Closer Look: Mathematics Shifts



- Focus: learn more about less
- Build skills across grades
- Develop speed and accuracy
- Really know it, Really do it
- Use it in the real world
- Think fast AND solve problems

BHS's Journey with CCSS

- Forming
 - Storming
 - Norming
 - Performing





Resources for parents

www.engageny.org



Table Top Teacher Presentations

Goal: Provide parents with the opportunity to see how teachers are adapting instruction at BHS.

- Tonight we have teachers from the following departments to share some sample strategies and activities.
 - Math, Science, Art, English, Foreign Language, Social Studies
- Format: Informal, walk up tabletop discussions. Refreshments available.