

FHSCCA C.A.N.E.S NEWSLETTER

CAMPUS ACADEMIC NEWS AND EVENTS SOURCE

OCTOBER-ISSUE 2

Our monthly newsletter will provide curriculum updates from around the school to provide a glimpse of the engaging and rigorous instruction occurring in our building. Our students have been working hard during the month of September. Check out what our students have been up to!

COMPUTER SCIENCE

Ms. Hendrix's Computer Science Principles, Game Design and AP CSA students have been learning about how to debug their code and "Rubber Duck Debugging". Students were allowed to choose a rubber duck for adoption. They named their duck and received an official Certificate of Adoption. Their ducks are good listeners and help them talk and think through their coding problems.



HEALTHCARE

Ms. Farabow's class has been working hard on Medical Terminology. Students have learned more than 500 prefixes and more than 500 suffixes. We have studied normal pathology as well as abnormal pathology.



FHSCCA C.A.N.E.S NEWSLETTER

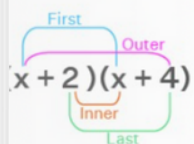
CAMPUS ACADEMIC NEWS AND EVENTS SOURCE



HONORS GEOMETRY

Students in Ms. Menon's Honors Geometry class recently completed projects to demonstrate subject mastery. Students created online books and recorded newscasts on real-world applications of triangle congruence and transformations. Students did a wonderful job creating informational, artistic and entertaining presentations!

Multiplying Binomials using the FOIL Method



$$\text{F: } (x+2)(x+4)$$

$$\text{O: } (x+2)(x+4)$$

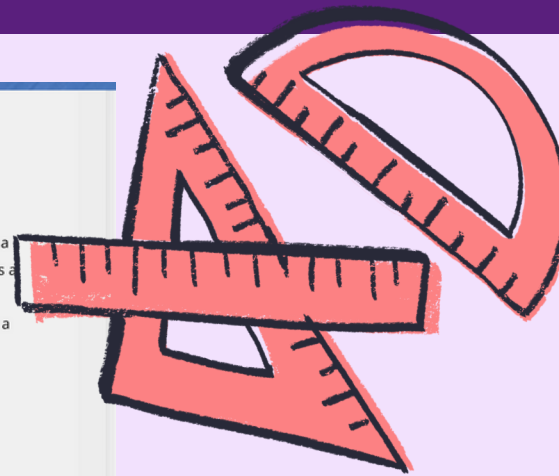
$$\text{I: } (x+2)(x+4)$$

$$\text{L: } (x+2)(x+4)$$

$$\begin{aligned}(x+2)(x+4) \\&= x^2 + 4x + 2x + 8 \\&= x^2 + 6x + 8\end{aligned}$$

Binomials

A binomial is a polynomial with two terms. A binomial is a polynomial that is the sum of two terms, each of which is a monomial. A binomial is the simplest polynomial after monomials. Each term in a binomial is usually joined by a plus or minus sign.



How its used in real life

Transformations and congruence are used by architects to strengthen the framework of buildings and also used to sketch blueprint to make the buildings.

If you really think about landscapers also use transformations and triangle congruence to make the bushes look the same or similar.



FHSCCA C.A.N.E.S NEWSLETTER

CAMPUS ACADEMIC NEWS AND EVENTS SOURCE



SHOW CHOIR

The Encore Unlimited Show Choir recently worked with their two choreographers from Orlando and California to put the final touches on their competition show. This year, the show choir will be competing at Opelika, Auburn, and Tift County against show choirs from Georgia, Florida, Alabama, Mississippi, and Tennessee. The Encore Unlimited live band will also be traveling with the show choir to accompany them at competition. This year's show theme is "Power" and students are excited to perform for students and the community before hitting the road.

BUSINESS

Students in Mrs. Durden's class have been reading for information and real life application. Students read their online textbook everyday and follow the instructions and practice hands on with learning the new information for the task they are learning.

Students wrote two paragraphs with complete sentences, describing what they have learned for that lesson and how they think they can use it in "real life".

Module 4

In Module 4 we reviewed how to make and use tables. We have learned how to convert text to table and table to text. We have learned how to make our own tables as well as using the premade tables given by Word. We have learned how to edit them to fit the information we input as well. Much of what we learned can be applied to real life scenarios.

An example of this is what we call a run sheet at my place of work. It is a table we use to run credit that holds the customers name, amount due, address, and days late. We use these almost everyday we are open. We also use tables to keep track of our numbers/ percentage of those who are late. Every morning and evening we write the numbers we begin with and end with. Tables can be very beneficial, not only to offices but stores too!

FHSCCA C.A.N.E.S NEWSLETTER

CAMPUS ACADEMIC NEWS AND EVENTS SOURCE



HONORS PHYSICS

Students in Dr. Gregusova's Honors Physics class explored Newton's Laws of Motion (launching stomp rockets, balloon races), balanced vs. unbalanced forces (circular motion of the space shuttle toy), and conservation of energy law (building roller coaster models). Hands on activities to experience science concepts first hand is effective and fun!



FHSCCA C.A.N.E.S NEWSLETTER

CAMPUS ACADEMIC NEWS AND EVENTS SOURCE



TSA

The Officers of FHSCCA TSA attended the Chapter Officers Retreat of Excellence in Clayton Georgia designed to provide Georgia TSA local chapter officers with an opportunity to develop interpersonal and leadership skills, gain necessary knowledge and abilities to carry out the duties of their individual offices, prepare a Chapter Program of Work for the upcoming year and bond with their fellow officers, in preparation to lead their respective chapters the remainder of the year.



EARLY CHILDHOOD ED

ECE, HOSA and FFA hosted a Farm Day for our Little Canes Preschool students. Preschool students were finishing up a unit on Farm Life and our FHSCCA students prepared farm themed games and showed live animals.

LITERACY CORNER



Our literacy corner will shine a spotlight on the creative literacy strategies that are being implemented school wide. Literacy is the foundation of academic success and a gateway to a brighter future. At FHSCCA, fostering strong reading and writing skills for our students is of paramount importance. Check out how our dedicated educators are integrating innovative literacy strategies into classroom instruction to empower our students with the tools they need to thrive in an ever-evolving world!



Students in Mrs. Holt's **Early Childhood** class have been researching and collecting information about how children develop from infancy through school age years and are creating board games with multiple choice, true/false, constructed response type questions based off their knowledge gained from different sources in class. We cannot wait to have game day where we play our classmates' games.

EARLY CHILDHOOD



In Mrs. Olivares's **Spanish** class, students created a family tree with Spanish vocabulary they are learning in class. Students also wrote a paragraph with a description of at least eight family members and presented it to the class. Students are enjoying many different activities that reinforce their Spanish pronunciation.

SPANISH

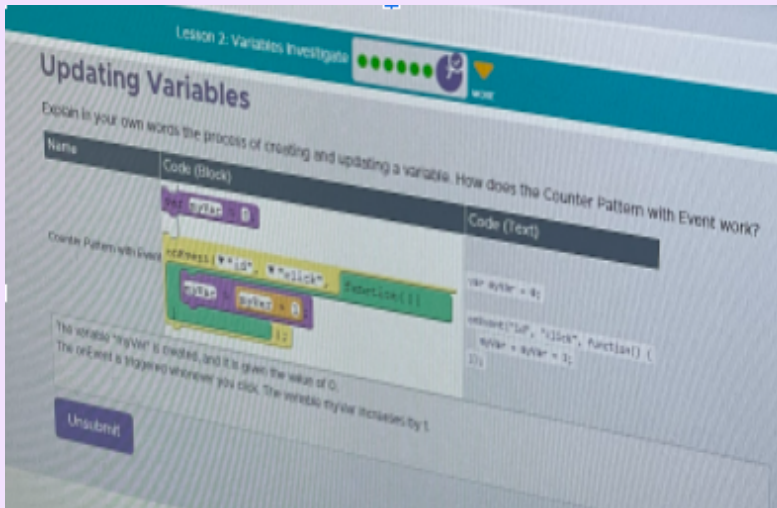
LITERACY CORNER



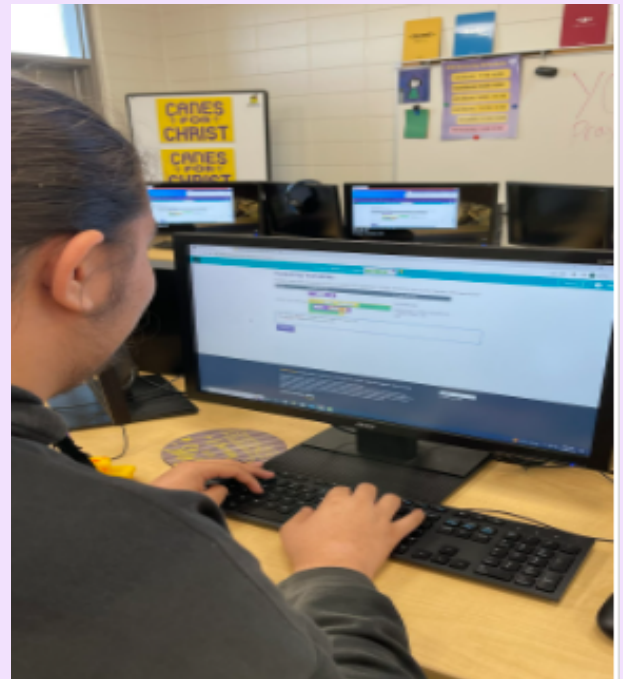
In Mr. Garber's **Engineering** class, students have been utilizing an engineering notebook that allows FHSCCA Engineering Pathway students to engage in authentic literacy practices similar to those of a working engineer. The purpose of the engineering notebook is to provide a sequential documentation of the work of the author in a project. (Pictured: Diadema Hostetler Working on Vex Robotics Team 37116 B's Engineering Notebook)



ENGINEERING



COMPUTER SCIENCE PRINCIPLES



Students in Ms.Hendrix's **Computer Science Principles** class are analyzing code daily during instruction. Students are asked to read lines of code and explain in their own words how each line works.