



3DE
BY JUNIOR ACHIEVEMENT

**EDUCATION FOR EVERY
DIMENSION OF LIFE**

3DE DIGEST – 2019

3DE @ OSBORNE HIGH SCHOOL | FEBRUARY 2019

Welcome to 2019!

We had an exciting semester in 3DE and are looking forward to another one. This digest is your window into the 3DE program and all that will be going on this semester. In this issue, we'll recap the activities your student did in the first month of school. We encourage you to reach out to your child's teachers anytime you have questions about their learning and experiences at school and in 3DE.

Our Chase Challenges

10th Grade: Gas South

3DE sophomores took on the role of data analysts as they work on a challenge from Gas South. Companies, like Gas South, use a data point called the net promoter score (NPS) to measure customers' experience and perception of corporate brand and to predict business growth. The utility company asks students to analyze customer satisfaction data and recommend three strategies for improving its NPS. As they work through the challenge, students will increase their critical thinking ability by practicing the skills of analyzing and applying data to make decisions.

9th Grade: PWC

3DE freshmen will take on the role of consultants as they work on a challenge from PWC. The firm challenges the students recommend how the sharing economy to address the social issue of food deserts – communities with limited access to healthy food options due to a lack of grocery stores and farmers markets. Sharing economies (company examples include Uber, Lyft, and Airbnb) allow individuals to make money off underused assets such as homes, cars, etc. As they work through this challenge, students will increase their creativity and innovation by filling a need.

Course Work

Financial Literacy: 9th & 10th Grade, Ms. Rathke, Mr. Devault & Mr. Gosha

In Financial Literacy, the students focused on the importance of budgeting and saving. They spent time researching the real cost of major purchases, such as cars and houses, learned about interest and how it affects debt, and they calculated gross pay using the tax withholding tables. The students wrapped up their first case challenge of the semester. The 9th graders played the role of PWC consultants, tackling the issue of food waste and food deserts. They devised ways to reduce the 40% of food waste, while also utilizing the sharing economy concept to provide food to areas without easy access to grocery stores. The 10th graders worked with Gas South on data analysis. They used customer feedback to classify customers into three categories and then devised ways to improve the experience and create better customer loyalty. We're excited to see what they come up with!

Kathryn.rathke@cobbk12.org; michael.devault@cobbk12.org; albert.gosha@cobbk12.org

9th Grade

Algebra 1, Ms. Hutchens

In Algebra 1, our first unit taught students how to interpret the structure of expressions and solve problems related to unit analysis. Students addressed properties of rational and irrational numbers and operations with polynomials in preparation for working with quadratic functions later in the course. Content addressed in Unit 1 provides a solid foundation for all subsequent units. Students also solved linear equations and inequalities. Students specifically solved the distance=rate x time literal equation in order to solve their first case challenge given by the company PricewaterhouseCoopers (PWC).

My tutoring hours are Wednesday's from 3:45pm to 4:30pm or by appointment.

Tequila.hutchins@cobbk12.org

Environmental Science, Mr. Madison

Welcome to 3DE Environmental Science! All students were provided with a syllabus at the beginning of the semester with vital information about the course. I'm happy to provide parents with an electronic copy, if you would like to see it. We wrapped up our Intro to Environmental Science unit and have moved on to Unit 2: Energy Sources. Topics will include: the formation, use and allocation of fossil fuels, how to use energy wisely, renewable vs non-renewable resources, off the grid housing, etc....

Please feel free to contact me with any questions or concerns. dan.madison@cobbk12.org

9th Grade Literature, Dr. Tuttle

Students need: 1 journal/composition book and a Gmail account. Students participate in 15 minutes of independent reading every day and are encouraged to bring books from home.

Unit 1: Coming of Age

Unit one centers around the theme "coming of age," and we wrote two essays.

Embedded Assessment 1- Writing and Presenting an Interview Narrative

EA #2- Argumentative Essay- Is College Valuable?

Tardy policy

- _____ 1st
- _____ 2nd
- _____ 3rd
- _____ 4th- 30 min lunch/before/after school detention
- _____ 5th- phone call home
- _____ 6th- conference with admin
- _____ 7th- referral
- _____ 8th- referral each tardy after 7

Dr. Tuttle's Blog- <http://tuttlelit.edublogs.org/>

Email- corrie.tuttle@cobbk12.org

Tutoring schedule- 7:45-8:15 every morning, C lunch, and after school by appointment.

10th Grade

World Literature, Ms. Milton

Greetings Cardinals! For our first unit in World Literature, we focused on *Cultural Conversations*. We identified how we define culture in our everyday lives. We started with the Greeks, learning about various gods/goddesses, the hero's journey, and epic poetry. Afterwards, we transitioned to our own cultural identities (reading excerpts from novels, short stories, articles, etc.) and writing a narrative essay.

Tutoring is Tuesdays and Thursdays from 7:45 to 8:15 AM or by appointment.

If you need anything, I can be reached at denise.milton-speck@cobbk12.org or dms.ela.teacher@gmail.com.

World History, Mr. Bond

Please feel free to contact me with any questions or concerns. bradely.bond@cobbk12.org