Course Description:

Ag Math or Mathematical Applications in Ag is a class in the AFNR Career cluster pathway. This yearlong course focuses on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

In Mathematical Applications in Agriculture, Food, and Natural Resources, students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. To prepare for success, students need opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts.

Participation in project based learning is required for this class and is required by all students enrolled in this course. Students unable to participate due to ISS or DAEP placement will receive an alternative assignment.

Grading Policy:

***There are many times when students are given class time to work on projects. If you are given time to work on projects, I expect you to be doing that. DO NOT tell me you are working on it at home. I will NOT accept that answer. Class time is for class projects. There are too many uncontrollable issues that might arise at home ie. my printer won't work, the internet didn't connect. If issues arise at school, at least I am aware of what is going on. Also, technology problems at home are NOT valid excuses when you were given time in class to complete assignments.***

During this semester there will be many grades taken in this class. These grades will be based upon student creativity and ingenuity, daily classroom work, written and practical tests, and floral arrangement techniques. The specific grading components of this class will be determined on a weighted average basis with specific categories that relate to this class. The grading policy is outlined in the student handbook.

Class participation grades:

* Student exhibits on-task behavior and   
  attitudes entirety of class period: **90 to 100**
* Student exhibits on-task behavior and   
  attitudes majority of class period: **80 to 89**
* Student occasionally exhibits off-task behaviors and attitudes: **70 to 79**
* Student regularly exhibits off-task behaviors   
  and attitudes: **60 to 69**
* Student does not participate: **less than 59**

Supplies: ***KCHS will provide you with the required supplies for this course.***

Make-up and late work:

It is the responsibility of the student to obtain all make-up work assignments from the teacher. Any labs missed because of absence or ISS may be completed within a three-day period if the fresh flowers and other products are available. In the event that the floral product is not available, an alternate assignment may be completed. All school policies regarding make-up and late work will be followed. All make-up or late work not completed within the required time period will receive a zero grade.

Expectations:

* Students are expected to ***participate*** in all classroom activities.
* Students are expected to be ***prepared*** for all class activities.
* Students are expected to ***earn*** their grade.
* Students are expected to be ***respect*** their fellow classmates as well as the teacher.

Discipline Policy:

All non-participatory disciplinary issues will be reflected in the students’ daily grade.

* 1st Offense: Warning, removal from the situation
* 2nd Offense: Teacher/Student Conference and/or Detention
* 3rd Offense: Parent Contact and/or Detention
* 4th Offense: Parent Contact/Referral

*I reserve the right to skip any or all of these steps in situations where the infraction deems necessary.*

Technology:

Per the student handbook, cell phones will be used at each teacher's discretion. There will be designated times when I allow cell phones to be used for classroom educational purposes. Though that should be limited as each student has their own Chromebook now. However, I will have a system for you to easily recognize if cell phones are allowed. The traffic light on the board will be your que as to whether you can use your phone each day:

Red light - NO cell phones will be used that day.

Yellow light - AFTER I give instructions, you are allowed to use your cell phone minimally (ie. listen to music).

Green light - You are free to use your cell phone.

*Please note, no Tiktoks nor Snapchat videos will be allowed in my classroom. If I see such, I will collect your phone immediately!*

I have read and understand the syllabus and expectations for Mrs. Ebrom’s course. Therefore, I will not be surprised by the consequences of myself/my child should expectations not be met.

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_