***Bullitt Central High School***

**Department:** Mathematics **Course Title:** Pre-APAlgebra 2

**Term:** Full Year 2017-2018 **Teacher:** Reba J Johnson

**E-mail:** [reba.johnson@bullitt.kyschools.us](mailto:reba.johnson@bullitt.kyschools.us)

**Web Site:** <http://rebajj.weebly.com> **Credit:** 1 credit

**Course Description**

This course is intended to give the student the skills to use algebraic concepts in everyday life. He/She will learn algebra concepts, skills, structure, and application of the material. Instruction in number theory, linear functions, systems of equations and inequalities, quadratic equations, polynomial operations, series, sequences, exponential functions, probability and statistics, rational expressions and equations, trigonometry, and radical equations and functions will be included..

The chrome books will be utilized in our classroom, but in a limited fashion. The students will do their ACT flashbacks, assignments, and exit slips on the chrome books. The students will still need to keep a notebook as the chrome books do not have all the necessary notation for our mathematics activities. **CELL PHONES WILL NOT BE USED IN MY CLASSROOM. We will use Chrome books and notebooks.**

**Course Requirements**

1. The student will participate in all classroom activities. These will include ACT Flashbacks on the

chrome book, a set of notes consisting of vocabulary words, teacher provided examples, guided

practice, and opening activities.

2. The student will complete all homework, guided practices, written assignments, constructed response

problems, and exit slips.

3. The student will participate in all cooperative learning activities.

4. The student will complete all quizzes and tests. These tests include unit assessments and any semester tests.

**Criteria Included for Evaluation and Determination of Grade**

1. Homework and Daily Activities worth 10% per the mathematics department grading policy.

2. Quizzes worth 40% per the mathematics department grading policy.

3. Unit Assessments worth 50% per the mathematics department grading policy.

4. Semester Tests will be given at the end of each semester and is worth 20% of the semester grade.

The semester grade is based on two 9-weeks averages and the final exam (40%-40%-20%). **If a student is absent on test day then it is his/her responsibility to make arrangements to stay after school or come before school to make up the test.** If an absence is unexcused, then only 50% credit will be given for make-up work.

**District High School Grading Scale**

90-100% A 80-89% B 70-79% C 60-69% D 59%-below F

**Materials**

One-Subject Spiral Notebook This will be used for notes, assignments, and some exit slips. You may need more than one. If your write small, I would still suggest getting two while they are inexpensive now. The small ones are 25 cents at Wal-Mart so get 4 of those (one for each grading period).

Pocket Folder to keep handouts and notes in

Writing utensil (Pencil is preferred.)

Calculator (graphing calculator highly recommended TI-84CE) We will have some to use in the classroom. This is for homework use OR if you plan to take the ACT test outside the school day.

**Classroom Procedures –**

The first activity most days will be the **ACT flashback questions**. These will be done on your Chromebook and will count as a daily grade. These cannot be completed on your phone. IT MUST BE DONE VIA YOUR COMPUTER.

**Daily Assignments** will be completed in your notebook on most days. I will walk around and check the students’ assignments daily. It will be rare for the assignment to be turned in to me, but in the event that this is necessary, there is a tray for each class period for their assignments.

**Quizzes** will be given frequently to make sure the student understands the concepts. These will usually be 10 – 20 points, but they could be worth 40 or 50 points. **Constructed response questions** may count as quiz scores. These will be turned into the class tray.

**Tests** will be given at the end of each unit and will usually be worth 100 points.

**Classroom Guidelines ROAR!**

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| **R** | **Respect** | Respect others – teachers fellow students, and yourself. Do not create a disturbance so that everyone can learn in a stress-free environment. Be an active learner. Do not use your cell phone while in class unless permission is granted from Ms Johnson. |
| **O** | **Outstanding Achievement** | Come to class on time, prepared, and ready to learn! Stay on task. Do your own work. Try to do your best on each assignment or assessment. |
| **A** | **Attitude** | You can achieve at a high level IF you work and keep a positive attitude. Work with others. Offer help to fellow students or teacher when needed. Be kind, accepting, and courteous to others. |
| **R** | **Responsibility** | It is your responsibility to bring the required materials to class everyday – chrome book, notebook, writing utensil. Turn in assignments on time. Be on time!! Follow the 10-10 rule. Help keep the classroom clean and tardy. NO restroom passes are allowed during 5th Period. |

**DUE TO MY ALLERGIES AND ASTHMA AND STUDENTS WITH BREATHING ISSUES, NO SCENTED SPRAYS OR LOTIONS ARE ALLOWED. IT CREATES A SEVERE MEDICAL SITUATION. Thank you for your consideration.**

The ACT test will be given during school to the junior students sometime in March. It is recommended that they take the ACT test on a Saturday prior to that test date. In order to take a dual credit class through Morehead State University, they must score a minimum of 22 on the math section. Here are the test dates for the 2017 – 2018 school year. Juniors are eligible for a free test if they are free or reduced lunch. Sophomores will need to pay for the test. I would suggest sophomores take the test in either December or February.

**Go to** [**www.act.org**](http://www.act.org) **to register**

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| **Test Date** | **Register by:** |
| **September 9, 2017** | **August 4, 2017** |
| **October 28, 2017** | **September 22, 2017** |
| **December 9, 2017** | **November 3, 2017** |
| **February 10, 2018** | **January 12, 2018** |
| **April 14, 2018** | **March 9, 2018** |
| **June 9, 2018** | **May 4, 2018** |
| **July 14, 2018** | **June 15, 2018** |

**All Bullitt Central High School and Bullitt County Public Schools procedures and guidelines will be followed.**

Dear Parents/Guardians,

I am very excited about this school year. The new Kentucky academic mathematics standards are going to be very challenging for both myself and your student. The class will focus on preparation for the ACT and preparation for the rest of the mathematics your child will need for future courses. I know that together, we can achieve success. I believe that every child can be successful and I will work hard to help your student reach their goals. I cannot do this alone. I need your help. Please ask your child what they are doing in class. They will have homework most nights. Math needs to be practiced daily. Please help them find a quiet place to complete their assignments. If there is anything I can do to help you please do not hesitate to ask. I will respond to all phone calls and emails within 24 hours. The best time to reach me by phone is from 10:25 – 11:10 (with the exception of Thursdays because we have regularly scheduled meetings). I also am working with the RTI students this school year, so I may be working with them during the planning period. I look forward to working with both you and your child this school year. Sincerely,

Reba J Johnson

***The faculty and administration reserve the right to change the class syllabus as deemed necessary. Requirements shall be modified to accommodate students who qualify for specially designed instruction.***

**The syllabus is posted on my website as well in the student’s google classroom.**

**I offer tutoring on Thursday from 2:20 – 3:30 for help with subject matter, making up tests or quizzes. The student does NOT need to sign up previous to the tutoring session**

**I am also going to have ACT Preparation sessions after school on Wednesdays 2:20 – 3:30 about every other week. These dates will not begin until September and your child must sign up for these sessions. These are FREE and will focus on the skills necessary to score a 22 or higher on the test.**

The current graduation requirements state that a student must score a minimum of 19 on the math portion of the ACT. However, to avoid taking remedial math courses that do not count toward the degree, a minimum of 22 is requested.

**I have read the syllabus and agree to the terms outlined herein.**

**Please return this to Reba J Johnson.**

Student Name: (Please Print)

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**Student Signature** Date

Parent Name: (Please Print)

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**Parent Signature**  Date

Parent Contact Information:

Email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Preferred Phone Number:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the best time and place to contact you? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I feel that you need to know this about my child: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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***This signature sheet counts as a homework assignment and it is worth 10 points. Failure to turn this in will result in a zero. It should be returned to school no later than Wednesday, August 16th.***