

**COURSE:** ACADEMIC ALGEBRA 2

**TEACHER :** Diane Hough  
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**REQUIRED MATERIALS:**

- 3- Ring Binder
- Notebook paper
- iPads
- Graphing calculator (optional)
- Pencils

**BRAVE EXPECTATIONS:** These are your classroom expectations that we follow school-wide.

- B – Be Safe – listen to staff, personal space
- R – Be Respectful – on time, polite, appropriate language
- A – Be Accountable – prepared, honest
- V – Be Victorious – do your best, academic success
- E – Be Enthusiastic – positive attitude, ownership

**MATH EXPECTATIONS:** These are math student expectations that we follow in our math classes.

- Do your own work
- Take pride in your work
- Show your work
- Ask for help when confused
- Help your peers understand their work
- Do not copy or take pictures of others work
- Do not discuss test questions or answers
- Do not just give answers or airdrop
- Do not give up
- Do not give your completed work to anyone

**Academic Algebra 2** is a course that is designed for students who wish to study mathematics through trigonometry and pre-calculus. The topics covered are analyzing, solving and graphing linear equations, inequalities, functions and systems of equations and inequalities. Polynomial and radical expressions will be simplified. Quadratic equations will be solved by factoring and graphing. Rational equations will be solved and graphed. Exponential growth and decay and interest will also be studied.

**RESPONSIBILITIES:** You must bring your binder, notebook paper, iPad and pencil to class every day. It is essential that you use your notebook to take notes. These notes will contain examples that will help and guide you to having success in your problem-solving skills to complete homework, quizzes or tests. We will use the iPad for Canvas, IXL, possible calculator, whiteboard practice and possible research. You will also turn in assignments via Canvas. This is a math class-----my goal is to help you become a successful math student. In order to do so we must PRACTICE, PRACTICE, PRACTICE! Therefore, I am asking you to TRY, TAKE NOTES and give the BEST EFFORT that you are capable of giving. My contact information is on the front of this paper so ask me for any help that you may need.

**GRADING:** Any work that we do in class is fair game for grading. Homework will be assigned if necessary. If we do not have time to complete our practice in class it then becomes homework. I want you to have in-person help before I send you out of the classroom to practice on your own. Quizzes and tests will be given on Fridays ( 20 – 40 points for a quiz, approximately 50-60 for a test). I attempt to teach one or two topics per week then wrap them up on Friday with an assessment. ( quiz or test). We will be using Canvas to complete some bell ringers and they will be worth 2-4 points each. If you are absent the work will be available to you on Canvas. Please see me regarding any make up work whether it be homework, quiz or test.

Let's have a fun, successful year!

Please sign and date to show your acceptance and understanding.

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