

ALGEBRA 2 WITH STATISTICS 2021-2022

MRS. D. BYRD

ROOM 210A

EMAIL: byrd.debra@lee.k12.al.us

PLANNING: 4th Block

WEBPAGE: [HTTPS://WWW.LEE.K12.AL.US/DOMAIN/997](https://www.lee.k12.al.us/domain/997)

REMINDE: TEXT @_____ TO 81010 TO SIGNUP

GOOGLE CLASSROOM CODE: _____



DEAR PARENTS AND GUARDIANS,

I look forward to working with your student this year!!!

Below you will find valuable information about student policies and procedures for this class.

Please read carefully with your student and complete the required information at the end.

Please sign up for the class Remind through phone or email. I will be sure to contact you with useful information as we move through the year. Feel free to contact me with any questions or concerns you have. I would like to encourage you to check your child's grade in this class using PowerSchool. This will be updated at least once per week. Contact the front office to get your child's ID and password. You can also follow SSHS on Facebook and/or Twitter in order to receive important information.

Mathematically yours,

Debra Byrd

COURSE DESCRIPTION

Algebra 2 with Statistics is the bridge to higher mathematics and mastery of the content is necessary for success in future courses and being an effective citizen. We will rely heavily on the skills learned in Algebra 1 and Geometry to complete our problems. If you struggled or are "rusty" on this content, then **I strongly encourage you to ask questions, see me for help outside of class time**, and/or find a student or professional tutor. This course includes coverage of many new types of functions that are used to model the world around us. These include the following topics: Trigonometry, Polynomials and Rational Expressions, Quadratics, Complex Numbers, Radicals, Exponents and Logarithms, Matrices, Series, and Statistics. You will also have many opportunities to see how mathematics relates and applies to other areas.

All of these skills are increasingly necessary in our modern mathematical world, but are also timelessly valuable in understanding what the scientist Galileo called "this grand book the universe, which stands continually open to our gaze ... it is written in the language of mathematics." We will use technology to enhance comprehension of numerical and graphical investigations.

Student presentations of work will be required regularly. There are no limits to the type of work you will be completing and I will be expecting a high-quality effort from you. Anything less will not be acceptable. The information in this letter will help you better understand what is expected of you.

EXPECTATIONS AND REQUIREMENTS **P⁴**

1. **Be Prepared.** Bring all necessary materials with you at all times. This includes textbook, notebooks, pencils, calculator, brain, etc.
2. **Be Punctual.** Be in your seat – ready to work the opening activity when the tardy bell rings. Please sharpen pencil and use the restroom prior to the beginning of class.
3. **Be Productive.** Your effort makes the difference! You will be expected to be on task at all times. Please do not talk during classroom instruction, quizzes, tests, or other specified times.
4. **Be Polite.** It is very important that this classroom has a comfortable learning environment so that you and your classmates may learn. I expect all rules of Smiths Station High School to be followed. To ensure a positive atmosphere, courtesy will be expected.

SMITHS STATION HIGH SCHOOL

- 4228 Lee Road 430 Smiths Station, AL 36877
- Office: 334-664-4060
- Fax: 334-298-1304
- *If at any time you would like a conference with me or just need to speak with me, please do not hesitate to call or email.*

Remind is the fastest way to contact me and the easiest method for me to respond to, so please use this method if you have it available.

SUPPLY LIST:

PENCILS

LOOSE-LEAF PAPER

3 RING BINDER

GRAPH PAPER

4 DIVIDERS (RECOMMENDED)

COLOR PENCILS (RECOMMENDED)

RECOMMENDED
CALCULATOR:

TEXAS INSTRUMENTS
TI30X IIS SCIENTIFIC

OR, IF AFTER THIS COURSE
YOU INTEND TO TAKE
PRECALCULUS OR AN AP MATH
COURSE, TI 84 OR TI-NSPIRE

Teacher Wish List:

1 ream of white or color
paper, Kleenex, Hand
Sanitizer, Disinfecting Wipes

Grades will be compiled using the category points method utilizing the weights below. There will be a comprehensive final exam at the end of the course, it will count as 10% of your final average. I will follow guidelines set by Smiths Station High School and Lee County Schools when administering exams and determining exemptions.

- On all assignments, students should **show all of their work**. Students may not receive full credit if the accompanying work is incomplete or incorrect.
- Students are expected to take notes during class. These notes should be kept in their notebook along with the corresponding homework assignment(s).
- Homework will be assigned daily. Homework is a check of effort. You will receive zero points if you make no effort or do not show all work.
- All assignments must be labeled with the assignment as the header and the problems numbered.
- **Late assignments are not accepted.**
- **There will be no individual retests or test corrections.**
- **Students will earn a zero on any assignment where cheating is suspected** (e.g., talking with, requesting, or taking any information from another student or outside source for use on an individual assessment).
- Grades are updated daily and can be seen on PowerSchool. PowerSchool login information is available in the front office.

CLASSWORK/HOMEWORK 30%
TESTS/QUIZZES 70%

EXTRA HELP

If at any time you are confused about the material presented, **ask for help immediately**.
Hesitation on your part can mean disaster.

There will be a study session held between 8:10 am and the first bell in Mrs. Byrd's class room for any student by request.

The Math Department will put together a list of pre-approved student math tutors who volunteer their time for those that need it. The list will be posted near the classroom door. It is up to you to contact them for help. (If we are allowed to this year.)

- ◆ **Assignments, notes, and study tips are posted on Mrs. Byrd's Google Classroom page.**
- ◆ **Signup for Remind and Google Classroom for homework, test, and quiz reminders, as well as some help on homework questions. If students are out with an excused absence, they should join us on zoom during our class time and submit assignments on Google Classroom before 8:40 AM eastern on the due date.**

MAKE-UP WORK POLICY

Your presence in class is crucial. Please remember that learning and improvement is much more difficult if you are not in class. Please do everything possible to be with us every day!

- ⇒ Make-up work will be accepted for excused absences only. Late work will not be accepted.
- ⇒ When a student is absent it is his or her responsibility to get the missed work and to show the attendance excuse to Mrs. Byrd.
- ⇒ Quizzes missed due to excused absences must be made up as soon as possible, but within one week of the absence.
- ⇒ Tests missed due to excused absences must be made up as soon as possible, but within one week of the original date.
- ⇒ Failure to make-up work will result in a grade of a zero.
- ⇒ All make up work must be completed prior to the end of a grading period or arrangements made in advance with Mrs. Byrd.
- ⇒ Students who are absent due to an extended illness will use Google Classroom to access missed work and, if able, should attend via Zoom daily.

CONSEQUENCES

I expect students to follow my directions, follow the rules in the student handbook, and to be prompt, prepared, productive, and polite. If a student chooses to break a rule:

- First Offense - Verbal Warning / "The Look"
- Second Offense - Remain after class for conference
- Third Offense - Detention
- Fourth Offense - Contact Parent/Guardian
- Fifth Offense – Office Referral
- Severe Disruption - Immediate referral to the office
(Not attending a detention results in an office referral.)

WHEN STUDENTS HAVE A COMPLAINT OR DIFFERENCE OF OPINION ABOUT ASSIGNMENTS, DISCIPLINE POLICIES, GRADES, ETC., THEY SHOULD EXPRESS THEIR FEELINGS TO THE TEACHER PRIVATELY AND CALMLY AFTER CLASS.

CLASSROOM PROCEDURES

These procedures are designed to help our class run smoothly and efficiently. You have a lot of information to learn and we need to make every minute of our time together count. We always need to be on task.

1. Before class – make sure you have all necessary materials **before** you come in the room. Submit all assignments by 11:59 PM on due date through Google Classroom.
2. Entering class – line up outside my door, socially distance to the extent possible, enter **quietly** and orderly when I allow you inside.
3. Upon entering – Place your cellphone in the charging station and other belongings on or under your desk – **keep the aisles clear**. Only class supplies are allowed on your desk. Prepare for the daily warm up assignment.
4. Always head your papers with your first and last name, period, date, and what the specific assignment is (include course name and unit).
5. After SYMKC – When you finish your warm up, review the previous day’s lesson. The warm ups will be passed in at my request in the appropriate manner. **Each student will place their own paper in the inbox when their row is called.**
6. Review time – Once warm-ups are passed in, I will take questions from the previous lesson. **Raise your hand to ask any questions and wait to be called upon. Do not interrupt another student or the teacher.** Ask questions wisely because our time is limited and I will only take about 15-20 minutes for review.
7. New lesson – We will begin our new lesson promptly at the end of our review time. Always copy down the date, lesson name, and objectives before your notes. Write down anything that I may **write** or anything you hear me **say** that seems significant. Some days we will have special activities to assist in our learning. Please pay attention to all directions. I am not allowed to post some of our material on the internet due to copyright and/or College Board policies.
8. Individual work time – During our lesson you will be given an opportunity to practice your new skills. This time is crucial to your learning. All persons should attempt to work the new problems and should be quiet – this is **individual** work time.
9. Partner work time – During our lesson, you may be given an opportunity to discuss your answers with a partner. You must **whisper** and **stop** when time is up - stay in your seat and socially distance.
10. Daily Assignment – You will be given an assignment **daily**. If time permits, at the conclusion of the lesson, you will receive your assignment and you will begin it **immediately**. **If you finish your assignment prior to the end of class, you should review the day’s lesson, study new vocabulary, work/play in Snap! or Python sandbox.**
11. Exit Slip – Occasionally, you will answer a few short questions on a slip of paper or online before leaving. They are designed to help you process new concepts, reflect on information learned, and express your thoughts about new information.
12. Before the end of class – please clean your area and make sure all trash is thrown away when you leave. I will spray your desk with Triad cleaner at the end of each class.
13. Dismissal – The bell does not dismiss the class, I do. When all trash is off the floor and all materials are returned, I will dismiss the class and you will leave quietly and orderly.
14. When I raise my hand at any point during class, students should be quiet. This is especially important when we transition from small groups back to the whole group.

BUT WHAT IF...

1. I need to go to the restroom/locker/office... **Do not interrupt the lesson**, but privately discuss your emergency with me. You must complete the Google form before leaving my room, as well as, fill in your and take your "I am missing an important learning opportunity card."
2. I have a question... All questions are welcome at the appropriate time. Raise your hand and wait quietly for me to respond to you.
3. I need to sharpen my pencil... Raise your hand and wait quietly for me to assist. **Do not interrupt the lesson**. It would be wise to have more than one pencil ready at the **beginning** of class.
4. I need to throw something away... throw it away when I dismiss class. **Do not interrupt the lesson**.
5. I get sick... In the unlikely event that this happens, you may excuse yourself.
6. I was out yesterday... **Makeup work is your responsibility**.
 - Failure to complete make up work within the allotted time will result in a zero for each assignment.
 - Class notes should be copied from a classmate or from my notebook by request.
 - SYMKC should be made up before or after school.
7. I get in trouble... I will either ask you to remain seated at the end of class or ask you to step outside in the hall for a brief conference. Your attitude during our conference will determine your fate.
8. There is a school wide emergency:
 - Evacuation Procedures: Upon the signal of the fire alarm (fire bell) and/or an announcement over the intercom system, each class will begin their evacuation. We will exit to the left out the doorway and downstairs to the band practice field. Students will stay together as a class and roll will be taken. The administration will notify everyone when it is safe to reenter the building.
 - Severe Weather Procedures: Upon the signal of the severe weather announcement over the intercom system (if power is out, it will be done by coming to each door), each class will begin their evacuation. We will exit to the left out the doorway and downstairs to the first floor where we will be seated along the edges of the hallway. Students will stay together as a class and roll will be taken. The administration will notify everyone when it is safe to return to the classroom.

SPECIAL ACTIVITIES...

1. Quiet Time – During an activity, **when I raise my hand**, it is time for all mouths to be **closed** and all eyes on me.
2. Group activities – I will form groups without any arguments. Follow my directions.
3. Class presentations – When you or someone else is presenting a problem to the class, you must be calm, clear, serious, respectful, and at the conclusion, you should be complimentary. Negative behavior will not be tolerated.
4. On test days, there will typically be no warm-up or review. When you finish your test, **raise your hand and I will come get it**. When tests are finished you may complete the next assignment given. There will be no talking, moving, walking, or other activities occurring that may distract any student taking the test.
5. Tests and quizzes are **timed** to help you prepare for future classes and high-stakes testing. Extra PRACTICE is the key to helping you prepare.
6. Some days I will allow you to use your electronic device but you must stay on task or face disciplinary actions. We may also use other technology which you will be assigned and responsible for during class. Listen carefully to my instructions when using this technology.

I hope this covers the majority of the questions you may have about this class.

I am looking forward to a very productive year.

