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Algebra I
Course Syllabus(2020-2021)
Patricia Pearson

Course Text: Supplies: text, notebook, 3-ring binder with dividers, loose leaf, pencil, marking pen, highlighter, ruler, graph paper, calculator, and a box of Kleenex..

Goals and Objectives: One of the goals of this course is to learn to communicate about algebra by reading and writing information about numbers. In doing this, the student will learn to appreciate the uses of algebra. The student will also learn to solve systematically problems of the types listed below as topics. Algebraic and arithmetic skills will be applied to real-life algebra models as students learn to approach word problems with logical problem-solving strategies.

Topics:

- ◆ Numbers, operations, variables and exponents
- ◆ Equations and Inequalities
- ◆ Verbal Models and Algebraic Models for Problem-Solving Strategies
- ◆ Real Numbers and their Properties
- ◆ Solving Linear Equations
- ◆ Graphing Linear Equations
- ◆ Slope of a Line
- ◆ Absolute Value Equations and Graphs
- ◆ Writing linear equations
- ◆ Solving and graphing linear inequalities
- ◆ Solving systems of linear equations
- ◆ Powers and Exponents
- ◆ Quadratic Equations (limited)
- ◆ Polynomials
- ◆ Factoring
- ◆ Ratio and Proportion
- ◆ Radicals and Radical Equations

Rules and Procedures:

- You must be wearing a mask to enter the classroom. It must be worn properly and remain in place unless instructed otherwise.
- You must use hand sanitizer before taking your seat.
- You will be given a paper towel and asked to wipe down your desk before sitting.
- Absolutely **no** food (including gum) will be allowed in class. You may have a water bottle.

- Do not take your mask off to take a drink. Lift the bottom edge.
- Please raise your hand to sharpen your pencil or to get a tissue.
- Those with allergies should have tissues on their person.
- Do assigned work neatly and in pencil. I will not accept pen!
- It is your responsibility to check what was missed during an absence.
- Notes will be taken in a spiral notebook. This will be graded at least once each semester. You may take notes in pen.
- Assignments will be given daily and completed on loose leaf and kept in a homework section of a 3-ring binder. Weekly homework quizzes will be given. Homework may be randomly collected.
- Major Quizzes will be given in the middle of each chapter.
- Tests will be given at the completion of a chapter.
 - ❖ Homework is an essential and integral part of your learning. You must take it seriously in order to be successful in this course.
 - ❖ Be respectful to your fellow classmates and to your teacher. This includes refraining from talking, staying in your seat, and not engaging in any other disruptive behavior during the lesson.

Cell Phone Usage

- ✓ No checking for texts or sending texts before, during or after
- ✓ No Internet usage unless directed by myself.
- ✓ No phone calls.
- ✓ No calculator function allowed.
- ✓ Secure it in your purse or pocket where it will remain!

Grading and Evaluation: 85% of the semester grade will be the average of the tests, major quizzes, homework, and homework quizzes. The final exam will comprise the remaining 15% of the semester grade.

The following scale will be used to calculate your grade for the course.

◇	100 - 94	A
◇	93 - 90	A-
◇	89 - 87	B+
◇	86 - 83	B
◇	82 - 80	B-
◇	79 - 77	C+
◇	76 - 73	C
◇	72 - 70	C-
◇	69 - 67	D+
◇	66 - 63	D
◇	62 - 60	D-
◇	59 - 0	F

Participation will be expected and will be used in determining borderline grades!

Additional Rules and Procedures for Remote Learning

- **Be logged into Zoom and ready to begin at the correct time. I will be teaching live. If you are not present at the beginning of class you will be considered absent.**
- **Actions will be taken for those students who choose not to be present on a recurring basis.**
- **Be familiar with Google Classroom. Check it daily!!!**
- **Do assigned work neatly and in pencil. I will not accept pen! Upload your assignments appropriately. (Instructions below) Make sure you click turn in.**
- **Tests will be taken at school and will not be open book.**
- **The grading scale will remain the same. Quizzes/Homework may have less value during remote learning than face to face learning.**
- **Lack of honesty and integrity during remote learning will not be tolerated. Disciplinary actions will be taken.**

Directions for turning in assignments:

You will be turning in assignments by taking a picture and uploading it to me. Your pictures should be a white copy, without shadows, and uploaded in order. You will need the google Drive app. Get that first. For iPhone users, scan a picture of your assignment using the Notes app on your iPhone (video link below) Android users watch the video below for scanning directions. Save it to your Drive (for iPhones, hit the box with up arrow then choose Drive, this may work for other phones but I do not know). Change the name of your image before uploading to Drive.

When you go to the assignment, on the right will be a box with Your Work, + add or create. Click on this box, select the picture from Drive, then hit turn in. For further instruction watch one of these videos.

<https://youtu.be/16nwB3P78GQ> for iphone users

<https://youtu.be/WUz7R3luoes> for android users