



Westside Christian Academy  
2017-2018 Algebra I Syllabus  
Mrs. Patterson, Mathematics Teacher  
[sarah.patterson@wetsideca.org](mailto:sarah.patterson@wetsideca.org)  
248-270-5933  
[www.mrspatt.weebly.com](http://www.mrspatt.weebly.com)



Dear Parents/Guardians and Students,

Welcome to a new and exciting school year! Please read this syllabus with your child and discuss its contents. **Sign and return only the signature portion of the last page.**

I am an energetic, passionate and genuine educator. I love to challenge students to do their absolute best and never be afraid to try! I have a Bachelor of Science degree in Applied Mathematics from Kettering University and a Master of Arts in Teaching (Secondary Education) from Wayne State University. As a state certified teacher, I am a well-trained, effective educator. However, I believe the Holy Spirit is the best advisor on how I should best serve my students.

My objective is to effectively teach and challenge your child in the area of mathematics. My ultimate goal is to train your child to think logically, encourage them to be fearless and help them enjoy mathematics!

### Course Description

Algebra I is designed to enlarge students' basic understanding of Algebra in logical order. This course begins with basic algebraic concepts and linear equations. Then it covers graphing, inequalities, probability and statistics, polynomials, and radicals. Real-world application is infused into every topic discussed.

### Topic Outline

- |  |                              |
|--|------------------------------|
| I. Arithmetic Review                   | IV. Probability & Statistics |
| a. Fractions, Decimals, Percentages    | a. Data Analysis             |
| b. Order of Operations                 | b. Measures of center        |
| c. Absolute Value                      | c. Linear Regression         |
| d. Integer Operations                  | V. Linear Inequalities       |
| II. Linear Equations in One Variable   | a. Expressions               |
| a. Expressions                         | b. One-Step Inequalities     |
| b. One-Step Equations                  | c. Multi-Step Inequalities   |
| c. Two-Step Equations                  | d. Compound Inequalities     |
| d. Multi-Step Equations                | e. Word Problems             |
| e. Word Problems                       | f. Graphing                  |
| III. Linear Equations in Two Variables | VI. Polynomials              |
| a. Satisfying Equations                | a. Adding & Subtraction      |
| b. Graphing                            | b. Multiplying & Dividing    |
| c. Parallel and Perpendicular Lines    |                              |

### Grading Scale

- |   |                |
|---|----------------|
| A | 90% and higher |
| B | 80% - 89%      |
| C | 70% - 79%      |
| D | 60% - 69%      |
| F | Below 60%      |

## Grading Weight

Assignments	Make-Up Policy	Late Submission Policy	Weight
Classwork	Maintaining good attendance is importance because it is difficult to replicate some of these activities. If classwork is missed, an alternate assignment may be assigned.	Classwork will only be accepted 2 school days past the due date at a 10% grade deduction per day.	40%
Assessments	Make up assessments will be given with a valid absence excuse.	N/A	40%
Homework	Homework may be turned in with a valid excuse upon returning to school.	Homework will only be accepted 1 school day past the due date at a 20% grade deduction.	10%
Participation (Personal Points)	Maintaining good attendance is crucial. Participation points cannot be made up.	N/A	5%
Reflections	Reflections may be turned in with a valid excuse upon returning to school.	N/A	5%

## CW/HW Re-submission policy

If you receive an 'R' on a HW/CW assignment (only when submitted on time):

1. DO NOT ERASE YOUR PREVIOUS WORK
2. Redo the problem(s) you got wrong on the back of the paper or on a different sheet of paper – make sure they are correctly numbered
3. Staple the original paper and new paper together (if needed)
4. Resubmit original and new work done the next school day.
5. If not resubmitted like this – your original grade will stand

## Materials

All math assignments must be done in pencil. **Work written in pen will not be graded.** The following materials should be brought to class everyday as they are needed to ensure students' optimum success in this class:

- 1" Binder (Clear View preferred)
- 6 Tab dividers
- 1 pack of pencils
- Erasers
- 1 pencil sharpener with a catch cup
- Plenty of loose-leaf lined paper
- 1 pack of loose-leaf three hole punched graph paper
- Textbook

## Binders

Discipline and organization are great tools to help master mathematics. Therefore, this class requires an organized binder for this **class only**. Each binder must contain of the following:

1. Two interior storage pockets
2. 6 dividers (Ordered)
  - a. Do Now
  - b. Notes
  - c. Classwork
  - d. Homework
  - e. Vocabulary
  - f. Assessments
3. All class materials in its respective section in chronological order.

Periodically, binder checks will be done. Advanced notice will be given before binders are checked. Each binder check counts as a part of their homework grade.

### **Participation (Attitude/Effort)**

This class encourages discussion, peer collaboration and discovery. Active participation and preparation are essential to our learning environment. Therefore, attitude and effort is included in quarter grades. Personal points are the currency in the classroom. Personal points are awarded when students positively impact the learning community. They are also taken away if students negatively impact the learning community. During the last week of each quarter students redeem their personal points for their participation grade.

### **Expected Student Behavior**

1. Students are expected to respect themselves, other students, teachers, and other staff. They are also expected to respect the environment (classroom, materials\*, building and campus).
2. Students are expected to attend class in school approved uniform, daily, and on time. If an absence is unavoidable, the student must bring a valid absence excuse to class upon returning.
3. Students are expected to complete all assignments on time.
4. Students are expected to adhere to the rules outlined in student handbook, school rules and classroom rules.

***\* If school provided materials (textbooks, workbooks, calculators, etc.) are damaged and/or misused a monetary fine will be charged to the student.***

### **Academic Dishonesty**

Assignments must be clearly distinguishable from those of other students or sources. Duplicate papers will result in zero credit for all students involved. Plagiarism is also considered cheating, any quoted material must be placed in quotation marks and a reference to the author included. If you think you might be plagiarizing, then you probably ARE! Evidence of cheating on tests or plagiarizing will result in automatic failure of the test/assignment and possibly the course.

### **Classroom Rules**

1. Respect yourself
2. Respect all others
3. Respect your surroundings
4. Respect our learning time

### **Consequences for Improper Behavior**

- |  |  |
|--|--|
| 1st offense: personal points taken away and verbal warning     | *Consequences can be modified based on the Student Code of Conduct<br>** Continued infractions will result in direct administrative intervention |
| 2nd offense: personal points taken away and writing assignment |  |
| 3rd offense: personal points taken away and call home          |  |
| 4th offense: personal points taken away and referral           |  |

### **Parent Connections**

To help keep you up-to-date with class events, assignments, etc please subscribe to my math class reminder system. This system is designed to keep you well-informed of major test dates, classroom policies, and homework collection dates. All personal information remains completely confidential. Please see the attached flyer for instructions on how to subscribe. You may also visit our class website [www.mrspatt.weebly.com](http://www.mrspatt.weebly.com) at any time. The class website will be updated regularly with important class news, assignments, projects, class notes, examples, etc.

Educationally yours,

Mrs. Patterson

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We have read, discussed and fully understand the contents of the syllabus for Mrs. Patterson’s math class. Please fill out the information below and return to Mrs. Patterson the next day.

\_\_\_\_\_  
Parent’s signature

\_\_\_\_\_  
Student’s Signature

\_\_\_\_\_  
Parent’s contact number

\_\_\_\_\_  
Parent’s email address