# Algebra A/B & Double Dose Intervention Class Syllabus

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| Instructor: Ms. Tameka Wiggins  |
| Room: 306 |
| Office Hours: 4th period(1:40pm-3:02pm) & 7th period(11:40am-1:00pm)Email/Phone number: Tameka.wiggins@slps.org; 314-776-6040 extension 46328 |

### **Course Description:**

This is a first year algebra course in which you will learn to reason symbolically. The key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion. Algebraic skills are applied in a wide variety of problem-solving situations. Algebra 1 course involves an End of Course Exam (EOC). Every student is expected to take this exam and to support student’s success, an algebra 1 double dose intervention course will be required.

Prerequisites: Pre-algebra

### **\_\_\_\_Text/Materials**: Pearson envision Algebra 1 text book, Pearsonrealize.com (online book, assignments and resources), Mswiggins.weebly.com (online classroom), Roosevelt.slps.org (online class assignments), and Graphing Calculators (provided for school use only, purchasing your own is recommended).

**Student required materials include**: notebook, folder, pencils and graphing paper (limited amount will be provided), graphing calculator (suggested, not required)

**\_\_\_\_\_Instruction methods**: Students will collaborate with other students to problem solve, complete assignments independently, take notes as instruction is being delivered, complete projects and participate in double dose interventions to strengthen algebra 1 concepts.

**\_\_\_\_\_Technology:** Student’s will participate in online assessments, assignments activities that are content specific inside and outside of class. Teacher will use power-point, smartboard, video models, graphing calculator and various technologies to enhance students’ learning. In addition to these uses, algebra I will be a “flipped classroom” where students will be required to use technology as a key learning source.

### **Class Polices**

**\_\_\_\_\_Attendance/Make-up Work:** It’s very important that you attend school every day as it can have a negative effect on your class grade, however if your absent it’s your **responsibility** to collect all missing work which is located on the school website under the assignment tab or mswiggins.weebly.com. Students will be given two days to turn in missing work. Assignments and projects one class late will receive 10% off, two days late 50% off and three days late 75% off and late work after five days will not be accepted. All missed test **must** be made up within one week and quizzes **must** be made up within two days. Failure to make up test and quizzes will negatively impact your course grade.

**\_\_\_\_Homework:** Homework will be assigned three times a week and is due at the start of class every Thursday. All late homework will receive half credit. All homework should be completed independently, so copying another student’s work is prohibited.

**\_\_\_\_Cell Phones:** Cell phones should only be taken out for educational purposes only or when given permission. Using cell phones during assessments is NOT allowed. If asked to put your device away by the teacher, please do so.

**\_\_\_\_\_Cheating/Plagiarism:** Cheating is copying another student’s work and will result in a zero on assignments and assessments. Plagiarism is the act of taking someone else’s work and passing it off as your own and will result in a zero on assignments and assessments.

**\_\_\_\_Classroom Behavior**: Show respect to teacher, all students, self and classroom resources at all times. The use of profanity is not allowed. Consistent use of profanity will cause students to lose certain classroom rewards and incentives.

**\_\_\_\_Evaluation:** Both formative and summative assessment will be used to evaluate student performance. Formative assessments will consist of daily verbal feedback, homework assignments, chapter reviews, and quiz evaluations. Summative assessments will consist of chapter tests, reading assignments, semester projects, and semester exams.

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| **Ms. Wiggins Classroom Expectations**1. Arrive to class on time.
2. Respect your classmates and teacher
3. Always attempt to accomplish classroom goals. (assignments, test, quizzes…etc.)
4. Be responsible for your actions.
5. Please ask before touching materials or getting out of your seat.
6. No cell phones, absolutely no exceptions!!!!
7. No sleeping or laying head down.
 | **Roosevelt High School expectations**1. Be in your seat/area, ready to work when the bell finishes ringing.
2. Have paper, pencil/pens, books and all needed supplies everyday.
3. Keep hands, feet, books and objects to yourself.
4. No profanity, rude gestures, teasing, or put downs.
5. Follow directions of the student discipline handbook and all school adults unless the request is illegal, immoral or unsafe.
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**Class Rewards:**

 $π$ tokens (students may cash tokens in for snacks, points, paper, pencils and various items)

If students attend after school “Math Club” homework points will be awarded automatically

**Consequences for violating expectations:**

* Verbal warning
* Conference with teacher
* Behavior intervention plan
* Conference with principal
* Call home to parents/guardian

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| Semester 1 outline | Semester 2 outline |
| * **Solving Equations & Inequalities**
* **Linear Equations**
* **Linear Functions**
 | * **Systems of Linear Equations & Inequalities**
* **Piecewise functions**
* **Exponents and exponential functions**
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| Grade Scale | Grade percentage breakdown |
| 90-100% A80-89% B70-79% C60-69% D0-59% F | 40%= Course work (assignments & projects)30%= Assessments (test, quizzes, final exam)15%= Classroom participation (do now’s & cooperative learning)15%= Homework |

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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