Algebra 2

2015/2016 Syllabus & Course Guidelines

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| Instructor | Mr. Piñon |  | **Text** | Big Ideas Math Algebra 2 |
| **Room** | F207 | **Conference Hours** | **to be scheduled** |

**ABOUT THIS COURSE:**

The major purpose of this course is to provide an understanding of the basic mathematical concepts in trigonometry and pre-calculus: angles, triangle congruency and similarity, right triangles and their properties, trigonometric ratios, circles and their properties, unit circle, polar coordinates. Focus is on active student participation and the development of critical-thinking skills.

**STUDENT RESPONSIBILITIES:**

1. EFFORT; your genuine best effort!
2. Arrive to class on time & prepared
3. Complete all homework & in-class assignments on time
4. Check on and complete missed work immediately upon returning from being absent
5. Class participation
6. Protect our learning environment

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| **CLASSROOM RULES:** | **CONSEQUENCES:** |
| 1. Be respectful. 2. No electronics! (only your school-issued computer) 3. Be on time! (3 tardies = detention) 4. No outside food! | 1. Warning! 2. Meeting with me! 3. Detention & contact home! 4. Meeting with counselor! 5. Office Referral . |

**HOW YOU WILL BE GRADED IN THIS COURSE:**

Cumulative point system:

Each assignment is worth a given number of points. The points are assigned so that they are approximately the following percentages of your total grade:

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| GRADING SCALE | | | | |  | **DETERMINATION OF GRADES:** |
| A | ⇒ | 90 | ↔ | 100 |  | # of Points Earned • 100 = Grade Earned (%)  # of Possible Points |
| B | ⇒ | 80 | ↔ | 89 |  |
| C | ⇒ | 70 | ↔ | 79 |  |
| D | ⇒ | 60 | ↔ | 69 |  |
| Fail | ⇒ | 59 | ↔ | BELOW |  |

**There is NO late work accepted and make up work must be scheduled the day you return to class**

* Scheduling is done **AFTER SCHOOL** **ONLY** and can only be given with an excused absence. Extra credit will be available on occasions. Participation is required and may be worth up to 10% of total grade. It is also subjective and will be determined near the end of each grading period.

**Homework Policy:** Homework is collected on *Fridays!* Assignments are worth a maximum of four points.

**Materials they will need to bring EVERYDAY to class:**

* **Pencil**
* **Paper**

District & school site policies will be held to in this classroom.

There is an open door policy for parents and administrators, although instruction will not necessarily pause when they arrive.

If parents wish to meet with me they simply need to call to set a time and, if translation is needed, to inform us ahead of time so that it may be provided.

Tardiness to class will **NOT** be tolerated and can adversely affect grade received in this class.

School dress code will be followed in this classroom.

Students are expected to be respectful in tone, attitude, & behavior **AT ALL TIMES**.

I do not round or curve grades, students receive only what they earn.

Students are responsible for keeping up with their own work & grade in this class.

Electronic devices (e.g. cell phones, radios, headphones, hand-held games, etc.) are **NOT** allowed to be out or on during school instructional time. If any such device makes any sound during instructional time they will be confiscated & locked up until after school the next day. Devices will ONLY be returned to the person that it was confiscated from. Rule of thumb: If I see it or hear it, I take it!

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| **COURSE CONTENT** | **TOPIC** |
|  | 1 – Linear Functions |
| 2 – Quadratic Functions |
| 3 – Quadratic Equations & Complex Numbers |
| 4 – Polynomial Functions |
| 5 – Rational Exponents and Radical Functions |
|  |  |
|  | 6 – Exponential & Logarithmic Fcns |
| 7 – Rational Functions |
| 8 – Sequences and Series |
| 9 – Trigonometric Series and Functions |
| 10 – Probability |
| 11 – Data Analysis and Statistics |
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**Contract:**

I have read and understand what I can expect from this course as well as what is expected from me in order to successful complete this course. I am going to work hard to be successful and agree to cooperate and respect others. I am aware that my choices will result in consequences, either positive or negative.

Student’s Name (Print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

I have read and understand what I can expect from this course for my child. If I have any questions regarding this course or my child’s progress, I understand that I am encouraged to contact the teacher. I understand that I am expected to be an active participant in my child’s education.

Parent/Guardian’s Name (Print): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian’s Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_