**ALGEBRA 1B Syllabus**

**Mr. Wyan**

[**www.mrwyan.weebly.com**](http://www.mrwyan.weebly.com)

**Room 113**

**wyanj@hoosickfallscsd.org**

***Struggling in mathematics is not a sign of weakness any more than sweating is a sign of weakness in football or soccer; it is part of the process, and a clear sign of being in the game. Math is not a spectator sport!***

**What is this course?**

This is the second of a two-year sequence in algebra preparing students to take the Common Core Algebra 1 Regents Exam. As a continuation of Algebra 1A, the students will study polynomials, factoring polynomials, quadratic functions and equations, data analysis and probability, exponential and radical functions, rational functions and equations.

Common Core Algebra and it’s corresponding Regents Exam are requirements for a high school diploma.

**Class Expectations:**

As a student in this course, it is expected that you:

* Follow all rules and procedures set forth by Hoosick Falls Central School District.
* Be in your seat with all necessary supplies when the bell rings.
* **Place CELL PHONES in your assigned CALCULATOR CADDY at the BEGINNNG OF CLASS!**
* Follow directions the first time they are given.
* No cursing! No bullying! No harassing!
* No distractions- no grooming, no food or drinks, no electronics!
* Be respectful at all times (Keep hands, feet, and objects to yourself!)
* **Be responsible with the tools I provide for you (calculators, smart board, dry erase boards, markers, crayons, scissors, etc.).**
* Take the Algebra 1 Regents exam in June 2017.
* Seek out the help you need.
* Check my website ([**www.mrwyan.weebly.com**](http://www.mrwyan.weebly.com)) daily!
* Always try your best!

**Hoosick Falls Mission Statement:**

**“The mission of the Hoosick Falls Central School District is to develop responsible citizens who possess the knowledge, skills and values to be successful participants in a global society.”**

**Extra Help:**

I will stay twice a week on Monday and Thursday for extra help. My availability is posted on a calendar outside the classroom door. I am also available by appointment. E-mail me with any concerns or questions you may have. PLEASE FEEL FREE TO GET THE HELP YOU NEED! Check out my website ([**www.mrwyan.weebly.com**](http://www.mrwyan.weebly.com)) to get all the latest information.

**Remind Account :**

To sign up for Remind and get text reminders about homework, tests, etc. either:

Text to: (518) 882- 4172

In the message type: @wyanja1b

**OR**

Email: wyanja1b@mail.remind.com

**Calculators:**

If you intend to buy a calculator, the suggested calculators are a Texas Instruments TI-84 or TI-Inspire with an 84 face-plate. TI-84 calculators will be available in class daily. **There are graphing calculator apps listed on my website, as well as an actual graphing calculator.**

**Class Grades:**

Quarter averages are determined as follows:

* **Homework/Class Participation:** HW is assigned as needed and specified in the chapter packets. **No late homework will be accepted without an excuse.** If you are absent, you have 2 days to make up the work. My homework policy is simple, *“Do the work and get a check (2 points); don’t do it and receive a 0.”* Class participation means that you show up on time; participate actively in all learning activities; demonstrate respect for yourself, your teacher, and your classmates; and maintain a complete and organized notebook.

**(10% of quarter grade)**

* **Cumulative Reviews:** The purpose of these assignments is to help you review, reinforce, and easily recall topics you should know from previous math courses and the topics you learn in this course. CRs will be assigned on the same day as a quiz and it will be due the very next class meeting. Late CR’s will be penalized 5 points every day it is late.

**(15% of quarter grade)**

* **Quizzes & Tests:** There is typically one quiz per week unless it is a test week. If you are absent the day of a quiz, you **must** take it upon return. You will have until the following test or quiz (whichever comes first) to make up the missing quiz.

A test will be given at the end of every unit. All tests are cumulative. If you are absent the day of a test, the make-up rules are the same as for quizzes. Make-up tests will only be allowed with a legal excuse for the absence.

**(75% of quarter grade)**

*\*\*\*I reserve the right to make changes to the grading policy as I see necessary.*

**Algebra IB Units of Study:**

Unit I:

* The Building Blocks/Foundational Skills of Algebra

Unit II:

* Solving Equations

Unit III:

* Solving Inequalities

Unit IV:

* An Introduction to Functions

Unit V:

* Linear Functions

Unit VI:

* Systems of Equations and Inequalities

Unit VII:

* Exponents and Exponential Functions

Unit VIII:

* Polynomials and Factoring

Unit IX:

* Quadratic Functions and Equations

Unit X:

* Radical Expressions and Equations

Unit XI:

* Rational Expressions and Functions

Unit XII:

* Data Analysis and Probability

Algebra 1B Facts:

* If you work hard, study, and use opportunities for extra help you can be successful!
* I openly welcome any feedback you have for me about the pacing of the course- what works and what doesn’t work for you with learning the course material.
* Both this course & a passing score on the Regents exam ARE required for a **Regents diploma.**

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**\*Remember, you need 3 credits of math + 1 passing Math Regents exam to graduate!!!**

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My parents and I have read, and I agree to abide by the policies and procedures outlined above.

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

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

Please return this portion of the syllabus, signed & dated, to Mr. Wyan by Monday 09/12/2016.