Pre-AP

Algebra 1

http://mansfield.mansfieldisd.org 3001 E. Broad St., Mansfield, TX 76063 ◆ 682-314-0100

Pre-AP Algebra 1: Syllabus and Course Policies
Mansfield High School 2016-2017

Teacher: Mr. Joshua Kavanagh
Email: joshuakavanagh@misdmail.org
Class Website: kavanaghmath.weebly.com
School Website: www.mansfieldisd.org/schools/mansfield
Phone: (682) 314-0100

Room: U6 **Conference Time:** 1st period, 7:25am – 8:55am on "A Days" only
Tutorials: 3:00 – 3:30 Tuesday and Thursday **Lunch:** 10:55 – 11:40

Course Information: This Course will emphasize the study of linear functions. Students will use functions to represent, model, analyze, and interpret relationships in problem situations. Topics will include graphing, solving equations as well as inequalities, systems of equations, quadratic functions, and exponential functions. This course will cover the grade-level state-mandated curriculum with greater depth and complexity than the traditional Algebra 1 course.

Textbook and Supplementary Resources
Students will have an electronic textbook that MUST be accessed through their district issued IPAD **OR** their own device they choose to bring. The Textbook is Big Ideas Math, Algebra 1 by Larson and Boswell
website address: bigideas.com **username and password** will be set up individually in class

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Behavior Expectations

Be Prepared
Be Polite
Be Punctual
Be Productive

Class Supplies & Materials

Must be brought to class DAILY
- Paper (2-subject spiral or composition book)
- Folder or Binder
- Pencils and Red Pens
- A fully charged IPAD *DAILY*

Choose 1 to be left in room
- Large Box of Tissues **OR**
- 1 package of #2 pencils **OR**
- 4-pack AAA batteries

Recommended
- headphones/earbuds
- Graphing Calculator *(TI-84+)**

** It is highly recommended that students have their own calculator. However, there are graphing calculators available for in-class use only. Each student will assume full responsibility for their borrowed calculator during class time. If the calculator is damaged in any way, that student (and parent/guardian) will be required to replace the calculator. The cost for a TI-84+ is approximately $110.*

Grade Distribution

6-week grades
Test/Project – 60%
Quiz - 30%
Daily work – 10%
2 tests will be administered each 6wks

Semester grades
1st six weeks – 26%
2nd six weeks – 27%
3rd six weeks – 27%
Semester exam – 20%

Skyward – Students are encouraged to stay on top of their grades. With the iPad, students can easily access the online grade book through the Skyward Student Access app and they are expected to do so *DAILY*.

Academic Honesty Although peer-tutoring is permitted and encouraged for in-class assignments, students are expected to work together rather than copy work from each other. ***Cheating is not tolerated***. Copying answers from another student is cheating. Allowing another student copy your answers is also considered cheating. Students caught cheating will earn a grade of 0 on that assignment/quiz/test with no opportunity for make-up work to replace the grade.

iPad/Technology Ettiquette The use of iPads & other electronic devices during class time is for instructional use only (per AUP & BYOD agreement). Devices need to be out of sight when not in use.

Tardies Students should be prepared to begin class as soon as the bell rings. A student, who is outside of the classroom when the tardy bell rings, is tardy. All tardies for the school are cumulative and handled by the administrator per campus policy, see district handbook.

Absences & Missed Work A student is absent if he/she misses over ten minutes of class. It is the student's responsibility to obtain and complete make-up work from absences. ***All make-up tests and quizzes must be completed outside of class time, not during class*.** See the tutorial schedule. You must let me know in advance if you are coming in to make up a missed assignment/quiz/test. Afterschool time for make-up tests may be extended as needed.

Late Work & Re-tests Late work will only be accepted ***up to 1 day*** late with a 30 point penalty being assessed and will NOT be accepted after the 1 day allowance. A student earning a test grade below 70% may request a re-test, given that they also come in for a tutorial session to review their original test. Retests are offered afterschool during a ***1-week window*** after the original test grades are posted. The maximum possible grade for retests is a 70.

Tutoring availability Algebra tutoring is offered daily, and students can visit any algebra teacher that is open for tutoring that day. See teacher list for names and room numbers.

Algebra I topics

1st 6 weeks: Equations
Chapter 1: Solving Equations
Chapter 2 : Solving Inequalities & Literal Equations

2nd 6 weeks: Linear Functions
Chapter 3: Linear Functions And Graphing
Chapter 4: Writing equations of Linear Functions

3rd 6 weeks: Linear Functions
Chapter 5.1-5.4: Solving Systems of Equations
Chapter 5.5-5.7: Systems of Linear Inequalities

DECEMBER 13-16 Semester review & exam

4th 6 weeks: Linear & Quadratic Functions
Chapter 6: Exponents & Exponential Functions
Chapter 7.1-7.5: Polynomials

5th 6 weeks: Quadratic & Other Non-linear Functions
Chapter 7.5-7.8: Factoring Polynomials
Chapter 8: Graphing Quadratic Functions

6th 6 weeks: Non-linear Functions & Geometry prep
Chapter 9.1-9.3: Solving Quadratic Functions
Chapter 9.4-9.5: Solving Quadratic Functions

May: ALGEBRA 1 End-of-Course exam (May1-5)
May 26-June 1: Final review & exam