



Algebra 1 Concepts
Mrs. Barsema
COURSE SYLLABUS

COURSE OVERVIEW & INSTRUCTIONAL GOALS

In this course you will be learning and building upon variable included expressions and equations. The concepts involving variables would include functions, graphing, solving, and analyzing.

At the end of this course, you will be able to:

- Solve Equations/ Inequalities (Linear and Quadratic)
- Identify, graph, and model Functions (Linear, Quadratic, and Exponential)
- Solve systems of equations and inequalities
- Simplify exponential and polynomial expressions
- Factoring Polynomials
- Data Analysis and Probability

NEEDS AND RESOURCES

Prerequisite courses, knowledge, and skills:

To successfully complete this course, you must be proficient at:

- Fractional and Decimal Operations
- Percents
- Finding the Least Common Multiple and Greatest Common Factor
- Order of Operations
- Divisibility rules
- Integer Operations
- Exponential Properties
- Solving equations in one variable
- Plot points (x,y) on a coordinate plane
- Distributive Property

Required Materials

- Notebook and/or binder for storing handwritten notes
- Pencils --- no pens please
- Graphing or regular writing paper

Print/Online Resources

- Online textbook: <http://my.hrw.com> or a hard copy text book is provided if needed or desired. Textbooks are provided during class time.

COURSE SCHEDULE

We will be going through the book sequentially from starting from Chapter 1. Some sections may be combined with the next section or skipped, depending on the direction of the class or the required emphasis on certain concepts. Students will spend 1 or 2 days per section working individually or in groups. Quizzes will be given usually after 2 or 3 sections, and tests will come at the end of each chapter. Quizzes and tests will be announced.

POLICIES AND PROCEDURES

Classroom Rules & Procedures:

Classroom and General Rules:

At all times students must act in accordance with Fountain Hills Unified School District and Fountain Hills High School policy (see student handbook) It is the expectation of the district, school and teacher that all students will have a successful school year. To accomplish this goal the following expectations should be met: Be Considerate and respectful at all times. No cell phones or any other media device is on when class starts(unless it is related to lesson). No food or drink (water is okay). Be seated while final bell rings so you can complete bell work. Complete and hand in assignments by due date. It is the student's responsibility to obtain missing work when you are absent. Cheating will result in an automatic zero. On quiz or test days absolutely no cell phones may be out (this will result in a zero).

Grading Policies and Grading Scale:

Student will be graded on the following: 5% bell work/class participation, 15% classwork/homework, 30% quizzes, 50% Tests

Students will be graded on the following: Quarter 1: 40%; Quarter 2: 40% Final Exam: 20%

ADDITIONAL INFORMATION

- Class participation will be partially based on cell phones. Cell phones will need to be put away or stored in the "cell phone box" during class. Points will be lost if I have to tell students to put their phone away. It will be a 20 point daily grade.
- Solutions for the previous day's assignment are thoroughly discussed the next day in class. THE APPROPRIATE TIME TO ASK QUESTIONS IS IN CLASS DURING GROUP DISCUSSION. Therefore, it is imperative to complete assignments with best effort so meaningful questions can be addressed during discussion.

Remember the Falcon Way: accountability, discipline, excellence, integrity, professionalism, respect, and responsibility.

Students in clubs and sports: Participants are responsible for all assignments and assessments that are missed due to absences for home or away events. Previously assigned work that is due the day of an away event must be turned prior to departure. Assessments or assignments that are missed due to an away event must be made up the next school day or as arranged by the teacher.

CONTACT INFORMATION

- Mrs. Cristine Barsema room B101
- cbarsema@fhUSD.org
- 480-664-5551
- **Getting help:** I will be available for tutorials in room B101. Before school hours will be by apt only and after school hours will be from 2:20- 3:00 p.m.
- **Email Loop/Grades:** I email every week to let you know of the week's plans.
- **Grades:** Grades are online as well, at www.powerschool.fhUSD.org.
- **Prep:** My prep period is 4th period. Please feel free to have your parents/guardian call or email me.

Please Sign below and return to Mrs. Barsema.....

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Parent's phone number: _____

Email addresses: (up to 3)

Student _____

Parent 1 _____

Parent 2 _____

Student has computer access at home _____ Yes _____ No