

Algebra Parent Night
January 23, 2014
Mattlin Middle School
6:30~7:15pm



AGENDA TOPICS

- ❖ Topics Covered to Date & Upcoming Midterm –Dina Baccoli

- ❖ Gap Closing Session Topics – Kevin Smith

- ❖ Second Semester Topics – Risa Henkel

- ❖ Information about June 3rd Exam – Christian Bowen
 - Format
 - Sample Questions

- ❖ Next Steps to Prepare for Integrated Algebra Exam~ Jodi Goldstein
 - Topics
 - Review Sessions

- ❖ Resources – All
 - On-Core Algebra
 - AMSCO
 - Math Right Now
 - IXL
 - Modules
 - Go Math

Algebra Gap Closing Sessions

Tentative Topics

1. Operations with Fractions, Percents & Decimals
2. Solving Equations & Inequalities
3. Graphing
 - Slope
 - Rewriting equations for a graph
 - Domain & Range
4. Miscellaneous
 - Results from Data

Topics to prepare for Integrated Algebra (NOT on Common Core)

- Trigonometric Functions
 - Sine, cosine, tangent
 - Inverse trig. Functions
 - Word problems including angles of elevation and depression

- Operations with algebraic fractions
 - Finding values for which an algebraic fraction is undefined
 - Simplifying fractions with polynomials in the numerator and denominator
 - Adding and subtracting fractional expressions with like and unlike denominators
 - Multiplying and dividing polynomials and expressing the product or quotient in simplest form

- Set Theory: Union, Intersection, Complements

- Probability: Factorials and permutations

- Plane and Solid Geometry:
 - Perimeter of polygons and figures composed of polygons and/or sectors of circles
 - Area of polygons and those composed of polygons and/or circles or sectors of circles, shaded regions
 - Volume: cube, rectangular prism, cylinder
 - Surface Area: cube, rectangular prism, cylinder
 - Relative Error