

Sarasota School of Arts and Sciences

Intensive 6th Grade Math Syllabus

2007-2008

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Course Description:

Middle school math is challenging and extremely important. This intensive math class will focus on the Sunshine State Standards, transitioning students into Algebra readiness, and the individual ability of each student. The students will participate in FUN projects that will strengthen each student's ability to read, write, listen and communicate about mathematics, both individually and in cooperative groups.

Materials:

Notebook (worth a test grade quarterly), folder with pockets, a pencil and eraser (mechanical pencils are fine), and a dry eraser marker: **NO PENS PLEASE!**

Grading Policy:

Tests, Projects and Notebook Checks are worth each **100 points**

Quizzes and specific homework assignments are worth each **50 points**

Each homework assignment is worth **10 points**

****Homework is given Monday – Thursday**

I do not grade every homework assignment, but I do grade a lot of them.

Classroom Rules:

Do Not Talk over one Another

Be on Time and begin bell work when you arrive to class

Be Prepared for Class (have required materials)

Do Not Distract Others from Learning

Consequences:

First Offense: Visual (The Look) or Verbal Warning

Second Offense: Write classroom rules and parent notification

Third Offense: Behavior essay with signature from parent(s)

Fourth Offense: In school morning detention

Fifth Offense: County Referral (one or more days out of school suspension)

Positive Behavior Support:

If Mrs. Plath does not hand out a detention Friday through Thursday the class will have earned FUN FRIDAY (hands on fun math activities).

Course Timeline

First Quarter

Number Sense

Decimals

Fractions

Second Quarter

Number Theory and Fractions (continued)

Fraction Operations

Data Collection

Geometry

Third Quarter

Geometry (continued)

Perimeter, Area, and Volume

Ratios, Proportions, and Percent

Integers

Fourth Quarter

Probability

Functions and Coordinate Geometry

Algebraic Thinking