

Math 6 Syllabus

2011-2012

Mrs. Essig

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Purpose:

The purpose of this Math class is two-fold:

1. To cover the general education 6th grade math curriculum
2. To work on IEP math objectives

Topics Covered in General Ed. Curriculum:

1. Numbers & Operations
 - a. Fractions
 - b. Decimals, percents & rational numbers
 - c. Exponents
 - d. Integers
2. Algebra
 - a. Rates
 - b. Coordinate plane
 - c. Variables in expressions and equations
 - d. Linear functions
3. Geometry
 - a. Lines, angles, and triangles
 - b. Congruence and transformations
4. Data & Probability
 - a. Compute
 - b. Express as fractions, decimals or percentages
5. Measurement
 - a. Conversions
 - b. Volume & surface area

Accelerated Math:

This is an individualized math program where students work at an appropriate level based on their **IEP Objectives** and from the results of the STAR Math Test. Students will receive practice problems to complete in one week. Time will be given in class, but students will need to work on this at home as well. After the assignment is scored, a new assignment will be generated based on those results. Students will then take a test on the given objectives. Once the objectives are mastered, students will be given a new set of objectives to work on.

3 Minute Club:

Students will take a daily 3 minute timed test on 30-40 basic multiplication or division facts. They will keep track of their progress by graphing their results. Once they have mastered a test with 100% in 3 minutes, students will put their "Star" on the board and advance to the next level.

Mastering the basic multiplication/division facts by this age is important. Much of the work done at this level expects students to already know their facts. We will be working with fractions, which requires finding common denominators and simplifying (reducing) final answers. Both skills involve multiplication or division.

Grading Scale:

A = 100-93	B- = 82-80	D+ = 69-67
A- = 92-90	C+ = 79-77	D = 66-63
B+ = 89-87	C = 76-73	D- = 62-60
B = 86-83	C- = 72-70	F = 59-0

Classroom Expectations:

Students will be expected to have **Mustang PRIDE** in:

Self:

- voice level 0-1
- be prepared before class starts
- have all work completed and ready to turn in
- return promptly to class

Others:

- be respectful to teacher and others
- raise your hand
- ask appropriate questions at the right time
- don't talk back

School:

- graffiti & vandalism free
- put trash in can
- report problems to the teacher

Materials:

Students will need to have the following materials with them **daily**:

1. Textbook
2. 2 pencils (no pens are used)
3. 3-ring binder: 1 ½ inch or 2 inch works best – for notes, practice problems & assignments
4. Notebook paper – for assignments
5. Planner

MATH 6 SYLLABUS FORM

Please sign and return this bottom half to Mrs. Essig by Friday, Sept. 9, 2011.

I, (print student name) _____, have read the 2011-2012 syllabus. I understand its contents and agree to follow the rules outlined in it.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Parent's email address: _____

Parent's home phone: _____ cell phone: _____

Parent's work phone: _____