

Department: Special Education-Math

Course Title: Basic Math 8

Grade Level: 8th Grade

Length of Course: 1 year

Primary Resources:

PA CC Standards and Eligible Content for Grade 8

McGrawHill Glencoe Math Course 3 Textbook

Study Island (only for benchmarking)

Maneuvering the Middle

AIMSWEB probes (Computation and Concepts and Applications)

Aimswb benchmarking

Superteacher worksheets (for remedial concepts)

Units of Study:

Unit 1 (Daily Activity): Progress monitoring according to IEP goals

Unit 2 (7 Weeks): Real Numbers

Unit 3 (3 Weeks): Equations in One Variable

Unit 4 (4 Weeks): Equations in Two Variables

Unit 5 (2 Weeks): Pythagorean Theorem

Unit 6 (5 Weeks): Functions

Unit 7 (4 Weeks): Transformations

Unit 8 (2 Week): Volume

Unit 9 (3 Weeks): Scatter Plots and Data Analysis

Curriculum-Based Assessments:

Task Cards, Tests, Quizzes, Study Island Benchmarks, AIMSWEB Benchmarks, Multiple Choice Practice, AIMSWEB progress monitoring (computation/concepts and applications)

Standardized Assessments: 8th Grade Math PSSA

Description of Course:

This is a pull-out direct instruction small group, special education class. Therefore, we expose them to the 8th grade concepts but at a level that is tailored to their IEP goals, results of their PSSA scores, results from their AIMSWEB and Study Island Benchmarks, and also their AIMSWEB progress monitoring; both computation and concepts and applications. Concepts that were not mastered previously will be backfilled to lessen the gap in the grade level concepts. The expected time of the concepts may be lengthened due to the students' abilities to grasp the content (may change year to year according to students). Review lessons of concepts may have to be inserted to properly scaffold the students to the current concept. Informed instructional

decisions will be made from the results of all of the assessments as a whole and their IEP goals.