Department: Math

Course Title: Oiler Lab 8

Grade Level: 8th Grade

Length of Course: 1 year

Primary Resources:
PA CC Standards and Eligible Content for Grade 8
Study Island

Units of Study:
Unit 1 (Daily Activity): Spiral Review Calendar
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, Study Island, Benchmarks, Open-Ended Responses, Multiple Choice Practice

Standardized Assessments:
8th Grade Math PSSA

Description of Course:
This supplementary course is designed to provide students with a thorough review of essential concepts covered in the regular 8th-grade mathematics curriculum. It aims to consolidate foundational knowledge and skills, ensuring mastery before advancing to higher-level math courses. Through a blend of interactive lessons, practice exercises, and collaborative activities, students will deepen their understanding of key 8th grade mathematical topics. It will help students to further prepare for success on the 8th Grade Pennsylvania System of School Assessment (PSSA).