

WARREN COUNTY SCHOOL DISTRICT

PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: Grade 6 Math Elective

Course Number: 00276

Course Prerequisites:

Course Description: Through online software and project based learning students will focus on the math concepts rational numbers, fractions/decimals/percents, area, coordinate plane, expressions, equations/inequalities, statistics, and ratios/rates.

Suggested Grade Level: Grade 7

Length of Course: One Semester

Units of Credit: .5

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certifications:

CSPG - Middle level Math or Secondary Math 7-12

To find the CSPG information, go to [CSPG](#)

Certification verified by the WCSD Human Resources Department: ☒ Yes ☐ No

WCSD STUDENT DATA SYSTEM INFORMATION

Course Level: Academic

Mark Types: Check all that apply.

☒ F – Final Average ☒ MP – Marking Period ☐ EXM – Final Exam

GPA Type: ☐ GPAEL-GPA Elementary ☒ GPAML-GPA for Middle Level ☐ NHS-National Honor Society
☐ UGPA-Non-Weighted Grade Point Average ☐ GPA-Weighted Grade Point Average

State Course Code: 02036

To find the State Course Code, go to [State Course Code](#), download the Excel file for SCED, click on SCED 6.0 tab, and chose the correct code that corresponds with the course.

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TEXTBOOKS AND SUPPLEMENTAL MATERIALS

Board Approved Textbooks, Software, and Materials:

Title: Get More Math
Publisher: Click or tap here to enter text.
ISBN #: Click or tap here to enter text.
Copyright Date: Click or tap here to enter text.
WCSD Board Approval Date: 6/29/2020

Supplemental Materials: Click or tap here to enter text.

Curriculum Document

WCSD Board Approval:

Date Finalized: 6/5/2020
Date Approved: 6/29/2020
Implementation Year: 2020-2021

SPECIAL EDUCATION, 504, and GIFTED REQUIREMENTS

The teacher shall make appropriate modifications to instruction and assessment based on a student's Individual Education Plan (IEP), Chapter 15 Section 504 Plan (504), and/or Gifted Individual Education Plan (GIEP).

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SCOPE AND SEQUENCE OF CONTENT, CONCEPTS, AND SKILLS

Performance Indicator	PA Core Standard and/or Eligible Content	Month Taught and Assessed for Mastery
Rational Numbers	CC.2.1.6.E.1 CC.2.1.6.E.2 CC.2.1.6.E.3 CC.2.1.6.E.4	September February
Plot Numbers		
Apply Decimals		
Application add/subtract whole numbers/decimals/fractions		
Application decimal division		
Fraction division with models		
Fractions/Decimals/Percents	CC.2.1.6.E.1 CC.2.1.6.E.2 CC.2.1.6.E.3 CC.2.1.6.E.4	September February
Fraction to Decimal/Percent		
Decimal to Percent/Fraction		
Percent to Decimal/Fraction		
Calculate Percent		
Apply percent of a number in a table		
Area of Figures	CC.2.3.6.A.1	October March
Parallelograms		
Triangles		
Trapezoids		
Nets and 3D Figures		
Surface Area		
Coordinate Plane	CC.2.1.6.E.4	October March
Compare Numbers		
Absolute Value		
Plot on a Coordinate Plane		
Distance on a Coordinate Plane		
Find Area on a Coordinate Plane		

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Expressions	CC.2.2.6.B.1	November April
Exponents		
GCF and LCM		
Parts of Expressions		
Write Expressions		
Write and Solve Expressions		
Equations/Inequalities	CC.2.2.6.B.2 CC.2.2.6.B.3	November April
Equivalent Equations		
Write Equations		
Write and Solve Equations		
Inequalities		
Write and Graph Inequalities		
Statistics	CC.2.4.6.B.1	December May
Mean, Median, Mode and Range		
Box and Whisker Plots		
Histograms		
Dot Plots/Stem and Leaf		
Ratios/Rates	CC.2.1.6.D.1	January May
Unit Rate		
Ratios		
Equivalent Ratios		
Compare Ratios		
Describe Ratios		

ASSESSMENTS

PSSA Academic Standards, Assessment Anchors, and Eligible Content: The teacher must be knowledgeable of the PDE Academic Standards, Assessment Anchors, and Eligible Content and incorporate them regularly into planned instruction.

Formative Assessments: The teacher will utilize a variety of assessment methods to conduct in-process evaluations of student learning.

Effective formative assessments for this course include: Get More Math

Summative Assessments: The teacher will utilize a variety of assessment methods to evaluate student learning at the end of an instructional task, lesson, and/or unit.

Effective summative assessments for this course include: Projects