**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](https://www.education.pa.gov/Educators/Certification/Staffing%20Guidelines/Pages/default.aspx)

**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](https://nces.ed.gov/forum/sced.asp), download the Excel file for *SCED*, click on SCED 6.0 tab, and chose the correct code that corresponds with the course.

**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).

**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 |  |  |
| **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