

WARREN COUNTY SCHOOL DISTRICT
PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: Functional Math Grade 6

Course Number: 05203

Course Prerequisites: None

Course Description:

This course provides learners with math skills related to activities of daily living. Topics include identifying numbers as they relate to daily living, basic computations, understanding money value concepts, budgeting, identifying units of liquid and dry measure, height and weight measurement, time management, temperature, graphic representation, elapsed time related to scheduled events and calendars. Using the Pennsylvania Common Core Standards and the Pennsylvania Alternative Standards as a guide, the course will prepare students for the Pennsylvania Alternate State Assessments.

This course is limited to teacher recommendation based on specific student need.

Suggested Grade Level: 6

Length of Course: One Semester x Two Semesters Other

(Describe)

Units of Credit: 1 (Insert *NONE* if appropriate.)

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certification(s)

(Insert certificate title and CSPG#) CSPG 61 - Special Education PK-12

Certification verified by WCSD Human Resources Department:

 X Yes No

Board Approved Textbooks, Software, Materials:

Title:

Publisher:

ISBN #:

Copyright Date:

Date of WCSD Board Approval:

BOARD APPROVAL:**Date Written:** 1/12/2021**Date Approved:** 2/8/2021**Implementation Year:** 2020-2021**Course Standards****PA Core Standards:** (List by Number and Description)

M06.A-N The Number System

M06.A-R Ratios and Proportional Relationships

M06.B-E Expressions and Equations

M06.C-G Geometry

M06.D-S Statistics and Probability

WCSD Academic Standards: None**Industry or Other Standards:** None**SPECIAL EDUCATION AND GIFTED REQUIREMENTS**

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

**SPECIFIC EDUCATIONAL OBJECTIVES/CORRESPONDING STANDARDS AND
ELIGIBLE CONTENT WHERE APPLICABLE**

(List Objectives, PA Standards #'s, Other Standards (see samples at end))

PA Standard: M06.A-N The Number System

Alternate Eligible Content	Performance Indicators
M06AN2.1.1a	Solve a problem using up to 3-digit whole numbers and any of the four operations
M06AN2.2.1a	Identify multiples for numbers 5, 10, 25, or 100
M06AN3.1.1a	Identify a specific integer in a real-world context
M06AN3.1.2a	Identify the opposite of a number on the number line
M06AN3.1.3a	Locate positive and negative numbers on the number line
M06AN3.2.3a	Identify points in all four quadrants of the coordinate plane

PA Standard: M06.A-R Ratios and Proportional Relationships

Alternate Eligible Content	Performance Indicators
M06AR1.1.2a	Identify the ratio that matches a given statement and/or representation
M06AR1.1.4a	Solve a 1-step real-world problem given the unit rate
M06AR1.1.5a	Calculate a percent of a quantity as a rate per 100

PA Standard: M06.B-E Expressions and Equations

Alternate Eligible Content	Performance Indicators
M06BE2.1.2a	Select an algebraic expression involving addition or subtraction of whole numbers to solve a 1-step real-world problem
M06BE2.1.3a	Use a 1-step algebraic expression to solve a real-world problem involving addition or subtraction of whole numbers
M06BE3.1.1a	Identify the relationship between two variables in an equation

PA Standard: M06.C-G Geometry

Alternate Eligible Content	Performance Indicators
M06CG1.1.1a	Find the area of a quadrilateral given the dimensions
M06CG1.1.3a	Solve a real-world problem involving volume using unit cubes or multiplication
M06CG1.1.5a	Classify three-dimensional figures

PA Standard: M06.D-S Statistics and Probability

Alternate Eligible Content	Performance Indicators
M06DS1.1.2a	Identify measures of central tendency (mean, median, mode)
M06DS1.1.3a	Compare points in a line plot, histogram, or on a number line

ASSESSMENTS

PSSA Assessment Anchors Addressed: The teacher must be knowledgeable of the PDE Assessment Anchors and/or Eligible Content and incorporate them into this planned instruction. Current assessment anchors can be found at pde@state.pa.us.

Formative Assessments: The teacher will develop and use standards-based assessments throughout the course.

Portfolio Assessment: _____ Yes x No

District-wide Final Examination Required: _____ Yes x No

Course Challenge Assessment (Describe): None

REQUIRED COURSE SEQUENCE AND TIMELINE

(Content must be tied to objectives)

Content Sequence	Dates
Objectives:	
<ul style="list-style-type: none">• Demonstrates number concepts/awareness• Identifies/recognizes shapes• Sorts objects based on a variety of characteristics• Identifies/recognizes numerals• Rote counts to a certain number• Counts by 2's, 5's, and 10's• Identifies numeration/place value• Performs addition, subtraction, multiplication and division operations• Uses a calculator• Solves simple story problems• Uses a calculator• Identifies coins and bills• Counts variety of coin and/or dollar combinations• Reads/writes monetary value using dollar sign and decimal point• Makes change• Identifies/uses variety of measurement tools• Measures volume, weight, temperature, distance	

- Identifies current date/day of the week
- Tells time on an analog and digital clocks
- Sets time/alarm on a clock
- Reads times to the minute, hour, 15 minute increments and elapsed time
- Applies information to a variety of graphs

WRITING TEAM: WCSD LSS Teachers

WCSD STUDENT DATA SYSTEM INFORMATION

1. Is there a required final examination? _____ Yes x No
2. Does this course issue a mark/grade for the report card? x Yes _____ No
3. Does this course issue a Pass/Fail mark? _____ Yes x No
4. Is the course mark/grade part of the GPA calculation? _____ Yes x No
5. Is the course eligible for Honor Roll calculation? _____ Yes x No
6. What is the academic weight of the course?
 _____ No weight/Non credit X Standard weight (middle school)
 _____ Enhanced weight (Describe)