

WARREN COUNTY SCHOOL DISTRICT
PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: Functional Math Grade 3

Course Number: 05133

Course Prerequisites: None

Course Description:

This course continues to strengthen and prepare students for real world math applications and to be able to communicate mathematically. Content throughout third grade will also strengthen and build previously learned math skills. Students will be involved in hands-on activities that provide daily challenges to enhance student achievement. 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: 3

Length of Course: One Semester x Two Semesters Other

(Describe)

Units of Credit: None (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: My Math

Publisher: McGraw-Hill

ISBN #: 978-0-02-117323-5

Copyright Date: 14

Date of WCSD Board Approval: 1-12-15

BOARD APPROVAL:

Date Written: 1/7/2021

Date Approved: 2/8/2021

Implementation Year: 2020-2021

Course Standards

PA Core Standards: (List by Number and Description)

M03.A-T Numbers and Operations in Base Ten

M03.A-F Numbers and Operations - Fractions

M03.B-O Operations and Algebraic Thinking

M03.C-G Geometry

M03.D-M Measurement and Data

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: M03.A-T Numbers and Operations in Base Ten

Alternate Eligible Content	Performance Indicators
M03AT1.1.1a	Round a two-digit number to the nearest ten
M03AT1.1.2a	Demonstrate understanding of addition with small sets
M03AT1.1.2b	Demonstrate understanding subtraction with small sets
M03AT1.1.4a	Order 3 numbers under 10

PA Standard: M03.A-F Numbers and Operations - Fractions

Alternate Eligible Content	Performance Indicators
M03AF1.1.1a	Identify the unit fraction or other proper fraction (denominators = 2, 3, 4, 6) that matches the representation
M03AF1.1.3b	Identify equivalent fractions using representations

PA Standard: M03.B-O Operations and Algebraic Thinking

Alternate Eligible Content	Performance Indicators
M03BO1.1.1a	Use a model in a multiplication situation

PA Standard: M03.C-G Geometry

Alternate Eligible Content	Performance Indicators
M03CG1.1.1a	Identify similarities between two polygons
M03CG1.1.3a	Partition a rectangle into parts with equal areas

PA Standard: M03.D-M Measurement and Data

Alternate Eligible Content	Performance Indicators
M03DM1.1.1a	Tell time to the hour or half hour on a clock
M03DM1.2.1a	Identify and use the appropriate measurement tool based on the situation
M03DM1.2.3a	Use a ruler and measure to the nearest inch (exact measurement)
M03DM1.3.1a	Count money using coins or one-dollar bills
M03DM2.1.1a	Add information to a pictograph, line plot, or bar graph
M03DM3.1.2a	Measure the area of a rectangle by counting squares, tiling, or addition
M03DM4.1.1a	Find the perimeter of a rectangle

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.

PASA preparation –PA eligible content to be addressed- The teacher must be knowledgeable of the PDE Assessment Anchors and/or Alternate 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 ☒ No

District-wide Final Examination Required: _____ Yes ☒ No

Course Challenge Assessment (Describe): None

REQUIRED COURSE SEQUENCE AND TIMELINE

(Content must be tied to objectives)

Content Sequence	Dates
See curriculum mapping	

Objectives:

- Round a two-digit number to the nearest ten
- Demonstrate understanding of addition with small sets
- Demonstrate understanding subtraction with small sets
- Order 3 numbers under 10
- Identify the unit fraction or other proper fraction (denominators = 2, 3, 4, 6) that matches the representation
- Identify equivalent fractions using representations
- Use a model in a multiplication situation
- Identify similarities between two polygons
- Partition a rectangle into parts with equal areas
- Tell time to the hour or half hour on a clock
- Identify and use the appropriate measurement tool based on the situation
- Use a ruler and measure to the nearest inch (exact measurement)
- Count money using coins or one-dollar bills
- Add information to a pictograph, line plot, or bar graph

- Measure the area of a rectangle by counting squares, tiling, or addition
- Find the perimeter of a rectangle

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?
 x No weight/Non credit _____ Standard weight
_____ Enhanced weight (Describe)