



Danville Area School District
Course Overview and Scope and Sequence

Course Title: Grade 3 Math

Content Area: Mathematics

Grade Level: 3

Date Developed: Summer 2023

COURSE OVERVIEW: 3rd Grade Math is aligned to the Pennsylvania Academic and Core Standards, with a focus on Eligible Content for Grade Level PSSAs. This course prepares students to understand Mathematics conceptually and fluently in order to apply the obtained skills and knowledge to real-world applications.

ANCHOR STANDARDS:

CC.2.1.3.B.1 Apply place-value understanding and properties of operations to perform multi-digit arithmetic.

CC.2.1.3.C.1 Explore and develop an understanding of fractions as numbers

CC.2.2.3.A.1 Represent and solve problems involving multiplication and division.

CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.

CC.2.2.3.A.2 Understand properties of multiplication and the relationship between multiplication and division.

CC.2.2.3.A.4 Solve problems involving the four operations, and identify and explain patterns in arithmetic.

CC.2.3.3.A.1 Identify, compare, and classify shapes and their attributes.

CC.2.3.3.A.2 Use the understanding of fractions to partition shapes into parts with equal areas and express the area of each part as a unit fraction of the whole.

CC.2.4.3.A.2 Tell and write time to the nearest minute and solve problems by calculating time intervals.

CC.2.4.3.A.1 Solve problems involving measurement and estimation of temperature, liquid volume, mass or length.

CC.2.4.3.A.3 Solve problems and make change involving money using a combination of coins and bills.

CC.2.4.3.A.4 Represent and interpret data using tally charts, tables, pictographs, line plots, and bar graphs.

CC.2.4.3.A.5 Determine the area of a rectangle and apply the concept to multiplication and to addition.

CC.2.4.3.A.6 Solve problems involving perimeters of polygons and distinguish between linear and area measures.

KEY COURSE TEXT AND MATERIALS: Ready Classroom, Teacher Created Supplements, Study Island

KEY ASSESSMENTS:

Diagnostic: NWEA, CDT

Formative: Problem of the day, lesson quizzes, exit slips, observations, Study Island

Summative: Unit Assessments; PSSA

SCOPE AND SEQUENCE					
Unit	PRIORITY STANDARDS	SUPPORTING STANDARDS	ASSESSMENT	MATERIALS	TIMEFRAME
Unit 1: Three Digit Numbers- Place Value, Addition, and Subtraction	CC.2.1.3.B.1	<i>M03.A-T.1.1.1</i> <i>M03.A-T.1.1.2</i> <i>M03.A-T.1.1.4</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	23 days
Unit 2: Multiplication and Division- Concepts, Relationships, and Patterns	CC.2.1.3.B.1 CC.2.2.3.A.1 CC.2.2.3.A.2 CC.2.2.3.A.3 CC.2.2.3.A.4	<i>M03.A-T.1.1.3</i> <i>M03.B-O.1.1.1</i> <i>M03.B-O.1.1.2</i> <i>M03.B-O.1.2.1</i> <i>M03.B-O.1.2.2</i> <i>M03.B-O.2.1.1</i> <i>M03.B-O.2.1.2</i> <i>M03.B-O.2.2.1</i> <i>M03.B-O.3.1.5</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	42 Days

Unit 3: Multiplication- Finding Area, Solving Word Problems, and Using Scaled Graphs	CC.2.2.3.A.1 CC.2.2.3.A.4 CC.2.4.3.A.1 CC.2.4.3.A.4 CC.2.4.3.A.5	<i>M03.B-O.1.1.1</i> <i>M03.B-O.1.1.2</i> <i>M03.B-O.1.2.1</i> <i>M03.B-O.1.2.2</i> <i>M03.B-O.3.1.1-7</i> <i>M03.D-M.1.2.3</i> <i>M03.D-M.2.1.1</i> <i>M03.D-M.2.1.2</i> <i>M03.D-M.2.1.4</i> <i>M03.D-M.3.1.1</i> <i>M03.D-M.3.1.3</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	30 Days
Unit 4: Fractions- Equivalence and Comparison, Measurement, and Data	CC.2.1.3.C.1 CC.2.4.3.A.4	<i>M03.A-F.1.1.1</i> <i>M03.A-F.1.1.2</i> <i>M03.A-F.1.1.3</i> <i>M03.A-F.1.1.4</i> <i>M03.A-F.1.1.5</i> <i>M03.D-M.2.1.2</i> <i>M03.D-M.2.1.3</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	28 Days
Unit 5: Shapes- Attributes and Categories, Perimeter and Area, and Partitioning	CC.2.2.3.A.1 CC.2.2.3.A.3 CC.2.3.3.A.1 CC.2.3.3.A.2 CC.2.1.3.C.1 CC.2.4.3.A.6	<i>M03.B-O.1.1.1</i> <i>M03.B-O.1.2.1</i> <i>M03.C-G.1.1.1</i> <i>M03.C-G.1.1.2</i> <i>M03.C-G.1.1.3</i> <i>M03.A-F.1.1.1</i> <i>M03.D-M.4.1.1</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	18 Days

Unit 6: Measurement- Time, Liquid Volume, and Mass (add money)	CC.2.4.3.A.1 CC.2.4.3.A.2 CC.2.4.3.A.3	<i>M03.D-M.1.2.1</i> <i>M03.D-M.1.2.2</i> <i>M03.D-M.1.1.1</i> <i>M03.D-M.1.1.2</i> <i>M03.D-M.1.3.1</i> <i>M03.D-M.1.3.2</i> <i>M03.D-M.1.3.3</i>	Formative assessment is ongoing. Each standard and specific eligible content is assessed. End-of-unit assessment.	Ready Classroom Study Island Teacher Created Materials	18 Days
--	--	--	---	---	---------