

WHAT'S NEW

June 2023

Course Improvements for K-5 Mathematics will ensure that learners have a standards-aligned, media-rich, and interactive experience to provide an engaging learning environment to bolster understanding of course content and improve outcomes.

TIMELINE OF DELIVERY AND COMMUNICATIONS

These updated and more closely aligned courses will be customer-ready by June 30, 2023. The second semester (2 of 2) course will follow by December 8, 2023. Your Customer Success Manager will coordinate the delivery to your learning management system.

IMPROVED COURSE INFORMATION (PARTS 1 of 2)

	Mathematics Kindergarten	Mathematics Grade 1	Mathematics Grade 2	Mathematics Grade 3	Mathematics Grade 4	Mathematics Grade 5
SCED ID	02 030 G KGKG 0102	02 031 G 0101 0102	02 032 G 0202 0102	02 033 G 0303 0102	02 034 G 0404 0102	02 035 G 0505 0102
SM Course Description	The course explores counting, counting objects, number sense, adding and subtracting through 5, geometric shapes, and measurement. The topics include counting to 40, counting up to 15 objects, modeling numbers with objects, using the number line, adding and subtracting within 5, identifying and sorting flat shapes, understanding which attributes are measurable, and identifying coins.	The course explores number sense and counting skills; operations such as addition and subtraction; measurement; geometry; and data collection. The topics include skip counting; composing and decomposing numbers; strategies for adding and subtracting; word problems; comparing and ordering lengths; identifying coins and their values; classifying two-dimensional shapes based on their attributes; understanding parts of a whole; and collecting data to create bar graphs and picture graphs.	The course explores fluently adding and subtracting within 100 using mental strategies; understanding addition and subtraction within 200 using concrete models or drawings and strategies; and applying these addition and subtracting skills in solving one- and multi-step real-world problems; reading and writing numbers up to 1,200 in different forms; counting numbers up to 1,200 in 1s, 5s, 10s, and 100s; plotting, comparing and ordering numbers up to 1,200; and finally building the foundation for multiplication and division by making equal groups of objects.	The course explores number sense; place values; operations such as addition, subtraction, and multiplication; measurement; and representing data. The topics include exploring numbers up to 100,000; using place value to plot, compare, and order numbers; rounding to the nearest tens and hundreds; using different strategies to add and subtract numbers up to 1,000; multiplication; finding area and perimeter; finding volume in liters and mass in grams and kilograms; using measurement and other data to create scaled pictures and bar graphs; and using scaled pictures and bar graphs to gather information and compare data sets.	The course addresses concepts related to place value, operations with whole numbers and decimals, and data. The instruction covers identifying and using place value for calculations and rounding whole numbers; adding, subtracting, multiplying, and dividing multi-digit whole numbers; adding and subtracting decimals; using operations to solve word problems; representing and interpreting data; and applying mathematical processes and understanding to solve word problems.	The course addresses concepts related to place value, operations with multi-digit whole numbers, and operations with decimals. The instruction covers identifying and using place value for calculations and rounding decimals; multiplying and dividing multi-digit whole numbers by two-digit numbers; adding, subtracting, multiplying, and dividing decimals; and applying mathematical processes and understanding to solve word problems.

Materials Required	Students - Required: Assorted coins, crayons, glue or glue stick, handwriting paper, paper, objects for counting (such as beans), pencils, printables (see Syllabus for link), printer and printer paper, scissors, yarn	Students - Required: 50 objects for counting (beans, beads, buttons, etc.), cotton swabs or toothpicks, crayons/markers/colored pencils, paper, paper clips of the same size, pencils, printables (see Course Syllabus for link), printer and printer paper, scissors, tape	Students - Required: 20 objects for counting and modeling; such as beans, bingo chips, or buttons; crayons/markers/colored pencils, paper, pencils, printables (see Course Syllabus for link), printer and printer paper	Students – Required: dice, paper, pencils, printables (see Course Syllabus for link), printer and printer paper, whiteboard, whiteboard eraser, whiteboard markers, Optional: base ten blocks	Students - Required: crayons/markers/colored pencils, paper, pencils, printables (see Course Syllabus for link), printer and printer paper, ruler	Students - Required: crayons/markers/colored pencils, paper, pencils, printables (see Course Syllabus for link), printer and printer paper
Improvements	<ul style="list-style-type: none"> • 100% Alignment to National Standards • Expanded Media & Interactivity Throughout Every Course - additional media and interactivity added – <ul style="list-style-type: none"> ○ Reduced text heaviness, adding instructional images and over 1,200 graphics, videos, and interactives K-5 curriculum, ○ New practice activities that are interactive for skill mastery and comprehension, ○ Updated Read Along interactive that has a new look and navigation for learners. • Grading Support for All Open Response Questions - additional grading supports for teachers including grading notes and rubrics <ul style="list-style-type: none"> ○ Added “Grading Notes” in the answer key and Speedgrader • Reading Level Evaluated and Brought to Grade Level K-3 • Evaluation of All Objectives and Assessment Items to Ensure Grade Level and Correct Measuring of Objectives 					
Availability Date	06/30/2023	06/30/2023	06/30/2023	06/30/2023	06/30/2023	06/30/23
Related Course Information / Delivery Date	Mathematics Kindergarten (2 of 2) December 2023	Mathematics Grade 1 (2 of 2) December 2023	Mathematics Grade 2 (2 of 2) December 2023	Mathematics Grade 3 (2 of 2) December 2023	Mathematics Grade 4 (2 of 2) December 2023	Mathematics Grade 5 (2 of 2) December 2023