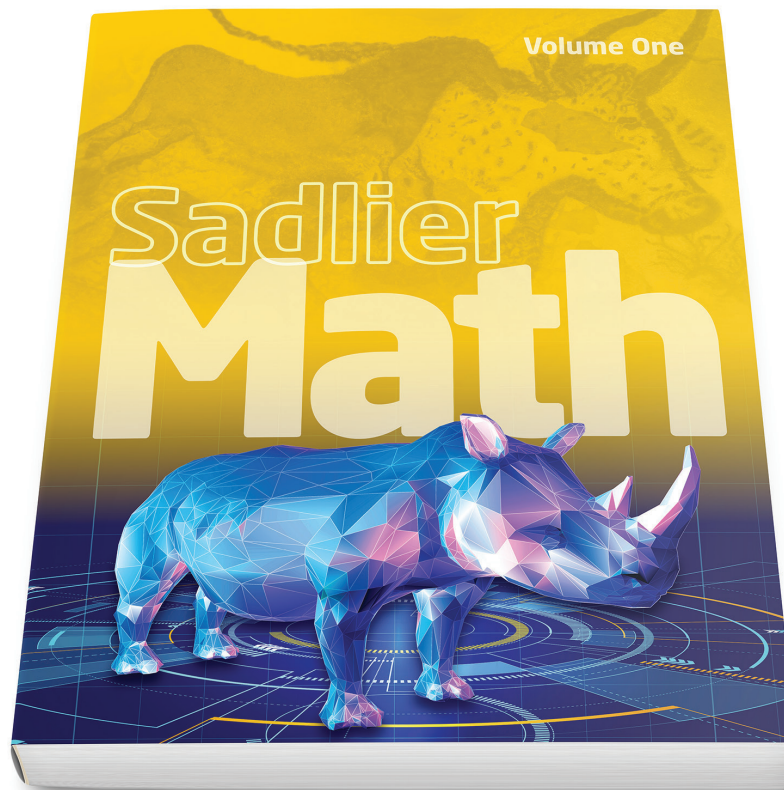


Sadlier Math[™]

Correlation to the Archdiocese of Cincinnati
Graded Course of Study for Mathematics 2012

Grade K



Learn more at www.SadlierSchool.com/SadlierMath

STANDARD 1 – NUMBERS, NUMBER SENSE AND TIME

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.1.1 Count to 100 by ones and by tens and count forward from a given within the known sequence.	Chapter 16: 16-1 through 16-6
M.K.1.2 Represent quantities with numbers up to 20, verbally, written and using manipulatives.	Chapter 2: 2-4 through 2-6 Chapter 4: 4-1 through 4-3 Chapter 12: 12-1 through 12-8
M.K.1.3 Solve problems including those involving sets by counting, by using cardinal and ordinal numbers, by comparing, by ordering and by creating sets up to 20.	Chapter 2: 2-4 through 2-7 Chapter 3: 3-1 through 3-7 Chapter 4: 4-1 through 4-3, 4-5 Chapter 5: 5-3, 5-7 & 5-8 Chapter 12: 12-1 through 12-9
M.K.1.4 Solve word problems involving simple joining and separating sets of objects.	Chapter 10: 10-1 through 10-9 Chapter 11: 11-1 through 11-9
M.K.1.5 Create and use counting strategies and number patterns to compare whole numbers up to 10 and arrange them in numerical order.	Chapter 3: 3-1 through 3-6 Chapter 5: 5-3 Chapter 12: 12-2, 12-4
M.K.1.6 Compose and decompose numbers from 11-19 into ten ones and some further ones by using objects or drawings, and equations (such as $18 = 10 + 8$).	Chapter 13: 13-1 through 13-6
M.K.1.7 Model solving routine and non-routine problems by acting them out, using manipulatives and drawing diagrams.	Chapter 1: 1-1 through 1-4 Chapter 4: 4-1 Chapter 7: 7-6 Chapter 8: 8-7 Chapter 13: 13-1, 13-5 & 13-6

STANDARD 2 – COMPUTATION AND PATTERNS

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.2.1 Identify and duplicate simple numbers and non-numeric repeating and growing patterns.	Chapter 6: 6-6, 6-7 & 6-9 Chapter 10: 10-7 Chapter 11: 11-7 Chapter 16: 16-1 through 16-5

STANDARD 2 – COMPUTATION AND PATTERNS

Kindergarten Content Standards	<i>Sadlier Math</i> , Kindergarten
M.K.2.2 Fluently add and subtract within 5.	Chapter 10: 10-1 through 10-8 Chapter 11: 11-1 through 11-8

STANDARD 3 – GEOMETRY (DIMENSIONAL SHAPES)

Kindergarten Content Standards	<i>Sadlier Math</i> , Kindergarten
M.K.3.1 Describe, sort and resort objects using a variety of attributes such as size, shape and position.	Chapter 1: 1-1 through 1-6
M.K.3.2 Identify, name, describe and sort basic two-dimensional shapes such as squares, triangles, circles, rectangles, hexagons and trapezoids.	Chapter 6: 6-1 through 6-6
M.K.3.3 Use basic shapes, spatial reasoning and manipulatives to model objects in the environment and to construct more complex shapes.	Chapter 6: 6-1 through 6-8 Chapter 7: 7-1 through 7-6 Chapter 8: 8-1 through 8-7
M.K.3.4 Identify, name, describe and sort three-dimensional shapes such as spheres, cubes and cylinders.	Chapter 7: 7-1 through 7-6
M.K.3.5 Interpret the physical world using geometric shapes and describe it with corresponding vocabulary.	Chapter 6: 6-1 through 6-6 Chapter 7: 7-1 through 7-6

STANDARD 4 – ALGEBRA AND FUNCTIONS /DATA

Kindergarten Content Standards	<i>Sadlier Math</i> , Kindergarten
M.K.4.1 Decompose numbers less than or equal to 10 into pairs in more than one way by using objects or drawings and record each decomposition by a drawing or equation ($5 = 2 + 3$ and $5 = 4 + 1$).	Chapter 9: 9-1 through 9-4

STANDARD 4 – ALGEBRA AND FUNCTIONS /DATA

Kindergarten Content Standards	<i>Sadlier Math</i> , Kindergarten
M.K.4.2 Organize, represent and interpret data using pictures and pictures graphs.	Chapter 5: 5-4 & 5-5 (tallies) See Grade 1 Chapter 10: 10-1 through 10-4 (tally charts and picture graphs)

STANDARD 5 – MEASUREMENT

Kindergarten Content Standards	<i>Sadlier Math</i> , Kindergarten
M.K.1.1 Compare and order objects indirectly or directly using measurable attributes such as length, height and weight.	Chapter 14: 14-1 through 14-6
M.K.5.2 Demonstrate an understanding of the concept of time using identifiers such as morning, afternoon, day, week, month, year, before/after and shorter/longer.	Chapter 17: 17-1 through 17-5 See also Grade 1 Chapter 15: 15-4 (day, night)