



# Math Teachers Press, Inc.

4850 Park Glen Road, Minneapolis, MN 55416  
 phone (800) 852-2435 fax (952) 546-7502

## NORTH CAROLINA COURSE OF STUDY CORRELATED TO MOVING WITH MATH® FOUNDATIONS A GRADE 2

		<b>A1</b> <i>Number Sense</i> Student book Skill Builders (SB)	<b>A2</b> <i>Addition &amp; Subtraction</i> Student Book Skill Builders (SB)	<b>A3</b> <i>Fractions, Geometry &amp; Measurement</i> Student Book Skill Builders (SB)
<b>STRANDS: NUMBER AND OPERATIONS, MEASUREMENT, GEOMETRY, DATA ANALYSIS AND PROBABILITY, ALGEBRA</b>				
<b>Competency Goal 1: The learner will read, write, and model and compute with whole numbers through 999.</b>				
<b>1.01</b>	Develop number sense for whole numbers through 999.			
<b>a.</b>	Connect model, number word, and number using a variety of representations.	29, 30, 45 <b>SB:</b> 4-1, 4-2		
<b>b.</b>	Read and write numbers.	78 <b>SB:</b> 46-1, 46-2		
<b>c.</b>	Compare and order.	37, 48, 49 <b>SB:</b> 5-3, 8-2, 8-4, 8-9, 8-11		
<b>d.</b>	Rename.	75 <b>SB:</b> 45-2		
<b>e.</b>	Estimate.	65, 66		
<b>f.</b>	Use a variety of models to build understanding of place value (ones, tens, hundreds).	60, 61, 62, 70, 73 <b>SB:</b> 45-1		
<b>1.02</b>	Use area or region models and set models of fractions to explore part-whole relationships on contexts.			
<b>a.</b>	Represent fractions (halves, thirds, fourths) concretely and symbolically.			62-64, 66 <b>SB:</b> 25-1, 25-5
<b>b.</b>	Compare fractions (halves, thirds, fourths) using models.			65

		<b>A1 Number Sense Student book Skill Builders (SB)</b>	<b>A2 Addition &amp; Subtraction Student Book Skill Builders (SB)</b>	<b>A3 Fractions, Geometry &amp; Measurement Student Book Skill Builders (SB)</b>
<b>c.</b>	Make different representations of the same fraction.			63, 64
<b>d.</b>	Combine fractions to describe parts of a whole.			<b>SB:</b> 25-4, 25-5
<b>1.03</b>	Create, model, and solve problems that involve addition, subtraction, equal grouping, and division into halves, thirds, and fourths (record in fraction form).		3, 39, 77, 78 <b>SB:</b> 39-7, 39-10	
<b>1.04</b>	Develop fluency with multi-digit addition and subtraction through 999 using multiple strategies.			
<b>a.</b>	Strategies for adding and subtracting numbers.		50, 52-62 <b>SB:</b> 32-3, 32-4, 34-2, 36-4	
<b>b.</b>	Estimation of sums and differences in appropriate situations.		45, 69 <b>SB:</b> 39-4	
<b>c.</b>	Relationships between operations.		17, 23 <b>SB:</b> 28-3	
<b>1.05</b>	Create and solve problems using strategies such as modeling, composing and decomposing quantities, using double, and making tens and hundreds.		44, 45, 59 <b>SB:</b> 37-1, 47-2	
<b>1.06</b>	Define and recognize odd and even numbers.	57 <b>SB:</b> 10-2		
	<b>Competency Goal 2: The learner will recognize and use standard units of metric and customary measurement.</b>			
<b>2.01</b>	Estimate and measure using appropriate units.			
<b>a.</b>	Length (meters, centimeters, feet, inches, yards).			49-53 <b>SB:</b> 19-3, 19-4
<b>b.</b>	Temperature (Fahrenheit).			28 <b>SB:</b> 18-8
<b>2.02</b>	Tell time at the five-minute intervals.			26 <b>SB:</b> 18-3

		<b>A1</b> <b>Number Sense</b> <b>Student book</b> <b>Skill Builders (SB)</b>	<b>A2</b> <b>Addition &amp;</b> <b>Subtraction</b> <b>Student Book</b> <b>Skill Builders (SB)</b>	<b>A3</b> <b>Fractions,</b> <b>Geometry &amp;</b> <b>Measurement</b> <b>Student Book</b> <b>Skill Builders (SB)</b>
	<b>Competency Goal 3: The learner will perform simple transformations.</b>			
<b>3.01</b>	Combine simple figures to create a given shape.			12, 13 <b>SB:</b> 44-2
<b>3.02</b>	Describe the change in attributes as two- and three-dimensional figures are cut and rearranged.			19 <b>SB:</b> 15-1
<b>3.02</b>	identify and make:			
<b>a.</b>	Symmetric figures.			9 <b>SB:</b> 43-1
<b>b.</b>	Congruent figures.			10, 11 <b>SB:</b> 44-1, 44-4
	<b>Competency Goal 4: The learner will understand and use data and simple probability concepts.</b>			
<b>4.01</b>	Collect, organize, describe and display data using Venn diagrams (three sets) and pictographs where symbols represent multiple units (2's, 5's, and 10's).			
<b>4.02</b>	Conduct simple probability experiments; describe the results and make predictions.			69, 70 <b>SB:</b> 21-1, 21-5
	<b>Competency Goal 5: The learner will recognize and represent patterns and simple mathematical relationships.</b>			
<b>5.01</b>	Identify, describe, translate, and extend repeating and growing patterns.	17, 47, 52 <b>SB:</b> 9-1, 9-2		
<b>5.02</b>	Write addition and subtraction number sentences to represent a problem; use symbols to represent unknown quantities.		33, 39 <b>SB:</b> 28-13, 39-1, 39-10	