



# Math Teachers Press, Inc.

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## NORTH CAROLINA COURSE OF STUDY CORRELATED TO *MOVING WITH MATH® EXTENSIONS GRADE 1*

		Student Book	Skill Builders
<b>STRANDS: NUMBER AND OPERATIONS, MEASUREMENT, GEOMETRY, DATA ANALYSIS AND PROBABILITY, ALGEBRA</b>			
<b>Competency Goal 1: The learner will read, write, and model whole numbers through 99 and compute with whole numbers.</b>			
<b>1.01</b>	Develop number sense for whole numbers through 99.	1, 29, 32, 33, 35	1-1, 9-2
<b>a.</b>	Connect the model, number word, and number using a variety of representations.	2, 3, 7, 8	2-1, 12-1, 13-1, 46-1
<b>b.</b>	use efficient strategies to count the number of objects in a set.	2-4	2-1, 10-1, 11-1, 12-1
<b>c.</b>	Read and write numbers.	31-33	7-1, 8-1, 9-2
<b>d.</b>	Compare and order sets and numbers.	2, 3, 5, 7, 31	2-1, 3-1, 12-1, 13-1
<b>e.</b>	Build understanding of place value (ones, tens).	25, 29, 30, 35	
<b>f.</b>	Estimate quantities fewer than or equal to 100.	32	
<b>g.</b>	Recognize equivalence in sets and numbers 1-99.	9, 29, 30, 35, 61	46-2, 50-1
<b>1.02</b>	Use groupings of 2's, 5's and 10's with models and pictures to count collection of objects.	8, 9, 35	46-1, 46-2
<b>1.03</b>	Develop fluency with single-digit addition and corresponding differences using strategies such as modeling, composing and decomposing quantities, using doubles, and making tens.	10-16, 55	15-1, 15-2, 17-1
<b>1.04</b>	Create, model and solve problems that use addition, subtraction, and fair shares (between two or three).	10-16, 55	15-1, 15-2, 17-1
<b>Competency Goal 2: The learner will use non-standard units of measure and tell time.</b>			
<b>2.01</b>	For given objects:		
<b>a.</b>	Select an attribute (length, capacity, mass) to measure (use non-standard units).	61	50-1
<b>b.</b>	Develop strategies to estimate size.	32, 61	50-1
<b>c.</b>	Compare, using appropriate language, with respect to the attribute selected.	9, 60	46-2, 48-1
<b>2.02</b>	Develop an understanding of the concept of time.	62	49-1, 49-2

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a.	Tell time at the hour and half-hour.	62	49'1, 49-2
b.	Solve problems involving application of time (clock and calendar).	62	49-1 to 49-3
<b>Competency Goal 3: The learner will identify, describe, draw, and build basic geometric figures.</b>			
3.01	Identify, build, draw and name parallelograms, squares, trapezoids, and hexagons.		37-1, 38-1, 39-1, 40-1
3.02	Identify, build, and name cylinders, cones, and rectangular prisms.		43-2
3.03	Compare and contrast geometric figures.		39-1, 40-1
3.04	Solve problems involving spatial visualization.		
<b>Competency Goal 4: The learner will understand and use data and simple probability concepts.</b>			
4.01	Collect, organize, describe and display data using line plots and tallies.	26, 27, 63	18-2, 50-2, 50-3
4.02	Describe events as certain, impossible, more likely or less likely to occur.		50-4
<b>Competency Goal 5: The learner will demonstrate an understanding of classification and patterning.</b>			
5.01	Sort and classify objects by two attributes.	T.G. p. 29	
5.02	use Venn diagrams to illustrate similarities and differences in two sets.		
5.03	Create and extend patterns, identify the pattern unit, and translate into other forms.	6	9-1, 9-2