

Catawba County Schools Math Pacing Guides

Grade Three		Unit 14 Directions and Locations	
Conceptual Overview		<ol style="list-style-type: none"> 1. Find locations given directions (up, down, left, and right). 2. Describe routes between locations on maps and grids, including finding the shortest route between two locations. 3. Use ordered pairs to locate points and name ordered pairs for points on a coordinate grid. 4. Identify parallel and perpendicular line segments and lines on the coordinate grid. 	
Unit 14 3 Days (May 10 - May 12)		<ol style="list-style-type: none"> 1. Name and Plot Points Coordinate Grids (Lessons 1-3) 	
S C O S G O A L S	Number and Operations EOG 35-40%	1.03b Estimation of products and quotients in appropriate situations	
	Measurement EOG 10-12%		
	Geometry EOG 12-15%	<ol style="list-style-type: none"> 3.02 Use a rectangular coordinate system to solve problems 3.02a Graph and identify points with whole number and/or letter coordinates 3.02b Describe the path between given points on the plane 	
	Data and Probability 12-15%		
	Algebra 20-25%		
Vocabulary		Unit 14 Directions and Maps	
		Math Expressions	NC SCOS 2.01, 2.01a
		Algebraic Notation Method	<i>AM/PM</i>
		area	<i>analog</i>
		array	<i>appropriate</i>
		Associative Property of Multiplication	<i>before/after</i>
		Communicative Property of Multiplication	<i>before/hour</i>
		compatible numbers	<i>centimeter</i>

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coordinate grid	<i>convert</i>
dividend	<i>customary</i>
divisor	<i>digital</i>
estimate	<i>elapsed</i>
expanded form/notation	<i>equivalent</i>
Expanded Notation Method	<i>estimate</i>
factor	<i>feet</i>
factor	<i>half past</i>
function table	<i>half-hour</i>
line graph	<i>height/tall</i>
map	<i>hours</i>
ordered pair	<i>inches</i>
product	<i>intervals</i>
product	<i>kilometer</i>
product	<i>length/long</i>
quotient	<i>linear</i>
Rectangles Sections Method	<i>measure</i>
rounding frames	<i>meter</i>
route	<i>meter stick</i>
Shortcut Method	<i>metric</i>
square units	<i>miles</i>
standard form/notation	<i>minutes</i>
word/written form/notation	<i>months</i>
	<i>non-standard</i>
	<i>quarter hour</i>
	<i>reasonable</i>
	<i>ruler</i>
	<i>season</i>
	<i>seconds</i>
	<i>standard</i>
	<i>tape measure</i>
	<i>trundle wheel</i>
	<i>units</i>
	<i>until/after/past</i>
	<i>width/wide</i>
	<i>yard stick</i>
	<i>years</i>

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		<i>years</i>	
Essential Questions	1. How can you use a coordinate plane to identify location or solve problems? 2. How can you describe the path of points on a plane?		