

**Table F.2:**  
**CCSS Critical Areas and NCTM Focal Points Grades PreK–2**

Grade Level	CCSS Critical Areas	NCTM Focal Points
PreKindergarten	None	<ol style="list-style-type: none"> <li>1. Develop an understanding of whole numbers, including concepts of correspondence, counting, cardinality, and comparison.</li> <li>2. Identify shapes, and describe spatial relationships.</li> <li>3. Identify measurable attributes, and compare objects by using these attributes.</li> </ol>
Kindergarten	<ol style="list-style-type: none"> <li>1. Represent and compare whole numbers, initially with sets of objects.</li> <li>2. Describe shapes and space.</li> </ol>	<ol style="list-style-type: none"> <li>1. Represent, compare, and order whole numbers, and join and separate sets.</li> <li>2. Describe shapes and space.</li> <li>3. Order objects by measurable attributes.</li> </ol>
Grade 1	<ol style="list-style-type: none"> <li>1. Develop understanding of addition, subtraction, and strategies for addition and subtraction within 20.</li> <li>2. Develop understanding of whole-number relationships and place value, including grouping in tens and ones.</li> <li>3. Develop understanding of linear measurement and measuring lengths as iterating length units.</li> <li>4. Reason about attributes of, and compose and decompose, geometric shapes.</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop understandings of addition and subtraction and strategies for basic addition facts and related subtraction facts.</li> <li>2. Develop an understanding of whole-number relationships, including grouping in tens and ones.</li> <li>3. Compose and decompose geometric shapes.</li> </ol> <p><b>Related Connection to the Focal Points*</b></p> <ol style="list-style-type: none"> <li>4. Measure by laying multiple copies of a unit end to end and then count the units by using groups of tens and ones.</li> </ol>

Grade Level	CCSS Critical Areas	NCTM Focal Points
Grade 2	<ol style="list-style-type: none"> <li>1. Extend understanding of base-ten notation.</li> <li>2. Build fluency with addition and subtraction.</li> <li>3. Use standard units of measure.</li> <li>4. <i>Describe and analyze shapes.</i></li> </ol>	<ol style="list-style-type: none"> <li>1. Develop an understanding of the base-ten numeration system and place-value concepts.</li> <li>2. Develop quick recall of addition facts and related subtraction facts and fluency with multidigit addition and subtraction.</li> <li>3. Develop an understanding of linear measurement and facility in measuring lengths.</li> </ol>

*Note: Italicized text indicates critical areas or elements of critical areas from the CCSS that were not considered Curriculum Focal Points (NCTM, 2006).*

*\*The Curriculum Focal Points (NCTM, 2006) present the most important mathematical topics and connections to the other content areas for each grade level. The listing of related connections to the Focal Points at grade 1 indicates that a connection to measurement was used to provide four critical areas for this grade.*