



Alignment to Mathematics Florida Standards with Access Points Grade K

Referencing Activity Sheets in the TouchMath® Grade K Standards-Based Program

| Mathematics Florida Standards with Access Points, Grade K | TouchMath® Unit/Module: Page Number |
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| MAFS.K.CC Counting and Cardinality | |
| Cluster 1: Know number names and the count sequence. | |
| <p>1.1. Count to 100 by ones and by tens.</p> <p style="margin-left: 40px;">K.CC.1.AP.1a. Rote count up to 10.</p> <p style="margin-left: 40px;">K.CC.1.AP.1b. Rote count up to 31.</p> <p style="margin-left: 40px;">K.CC.1.AP.1c. Rote count up to 100.</p> | <p>Unit 1, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29</p> <p>Unit 1, Module 2: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54</p> <p>Unit 1, Module 3: 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165</p> <p>Unit 2, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27</p> <p>Unit 2, Module 2: 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58</p> <p>Unit 2, Module 3: 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83</p> <p>Unit 2, Module 4: 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> |

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| | <p>Unit 3, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170</p> |
| <p>1.2. Count forward beginning from a given number within the known sequence (instead of having to begin at 1).</p> <p>K.CC.1.AP.2a. Rote count forward from a given number (instead of having to begin at 1).</p> | <p>Unit 3, Module 6: 142, 144, 145, 146, 147, 148, 149, 150, 151, 152, 155, 156, 161, 162, 166, 170</p> |
| <p>1.3. Read and write numbers from 0 to 20. Represent a number of objects with a written numeral 0-20 (with 0 representing a count of no objects).</p> <p>K.CC.1.AP.3a. Identify numerals 1–10.</p> <p>K.CC.1.AP.3b. Identify the numerals 1–10 when presented with the name of the number.</p> <p>K.CC.1.AP.3c. Write or select the numerals 1–10.</p> | <p>Unit 1, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29</p> <p>Unit 1, Module 2: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54</p> <p>Unit 1, Module 6: 158, 159, 162, 163</p> <p>Unit 2, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27</p> <p>Unit 2, Module 2: 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54</p> <p>Unit 2, Module 6: 159, 163</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 164, 165, 167, 168, 169</p> |
| <p>Cluster 2: Count to tell the number of objects.</p> | |
| <p>2.4. Understand the relationship between numbers and quantities; connect counting to cardinality.</p> <p>a. When counting objects, say the number names in the standard order, pairing each object with one and only one number name and each number name with one and only</p> | <p>Unit 1, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29</p> <p>Unit 1, Module 2: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54</p> <p>Unit 1, Module 3: 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> |

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| <p>one object.</p> <p>b. Understand that the last number name said tells the number of objects counted. The number of objects is the same regardless of their arrangement or the order in which they were counted.</p> <p>c. Understand that each successive number name refers to a quantity that is one larger.</p> <p>K.CC.2.AP.4a. Identify the set that has more.</p> <p>K.CC.2.AP.4b. Count up to 10 objects in a line, rectangle, or array.</p> <p>K.CC.2.AP.4c. Match the numeral to the number of objects in a set.</p> | <p>Unit 1, Module 6: 158, 159, 160, 162, 163, 164</p> <p>Unit 2, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27</p> <p>Unit 2, Module 2: 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58</p> <p>Unit 2, Module 3: 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83</p> <p>Unit 2, Module 4: 84, 85, 86</p> <p>Unit 2, Module 6: 159, 163</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 164, 165, 167, 168, 169, 170</p> |
| <p>2.5. Count to answer “how many?” questions about as many as 20 things arranged in a line, a rectangular array, or a circle, or as many as 10 things in a scattered configuration; given a number from 1–20, count out that many objects.</p> <p>K.CC.2.AP.5a. Identify the number of objects in a line, rectangle, or array.</p> <p>K.CC.2.AP.5b. Count up to 10 objects in a line, rectangle, or array.</p> | <p>Unit 1, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29</p> <p>Unit 1, Module 2: 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54</p> <p>Unit 1, Module 3: 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 1, Module 6: 158, 159, 160, 162, 163, 164</p> <p>Unit 2, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27</p> <p>Unit 2, Module 2: 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58</p> <p>Unit 2, Module 3: 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83</p> <p>Unit 2, Module 4: 84, 85, 86</p> <p>Unit 2, Module 6: 159, 163</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112</p> |

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| | <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 164, 165, 167, 168, 169</p> |
| Cluster 3: Compare numbers. | |
| <p>3.6. Identify whether the number of objects in one group is greater than, less than, or equal to the number of objects in another group, e.g., by using matching and counting strategies.</p> <p>K.CC.3.AP.6a. Compare two sets and identify the set that is greater than the other set, up to 10.</p> <p>K.CC.3.AP.6b. Compare two sets and identify the set that is less than the other set, up to 10.</p> <p>K.CC.3.AP.6c. Compare two sets and identify if the set is equal to the other set, up to 10.</p> | <p>Unit 1, Module 3: 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 1, Module 6: 160, 164</p> <p>Unit 2, Module 2: 34, 35, 36, 37, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58</p> <p>Unit 2, Module 3: 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83</p> <p>Unit 2, Module 4: 84, 85, 86</p> <p>Unit 2, Module 6: 159, 163</p> <p>Unit 3, Module 2: 32, 42, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 61, 64, 66, 69, 71, 74, 75, 77, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 6: 164, 168</p> |
| <p>3.7. Compare two numbers between 1 and 10 presented as written numerals.</p> <p>K.CC.3.AP.7a. Identify the smaller or larger number given two numbers between 0 and 10.</p> | <p>Unit 1, Module 3: 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 2, Module 2: 55, 56, 57, 58</p> <p>Unit 2, Module 3: 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83</p> <p>Unit 2, Module 4: 84, 85, 86</p> <p>Unit 3, Module 1: 11, 14, 15, 16, 18, 19, 20, 22, 23, 24</p> <p>Unit 3, Module 2: 32, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 61, 64, 66, 69, 71, 74, 75, 77, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 6: 164, 168</p> |
| MAFS.K.OA Operations and Algebraic Thinking | |
| Cluster 1: Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. | |
| <p>1.1. Represent addition and subtraction up to 10 with objects, fingers, mental images, drawings, sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.</p> <p>K.OA.1.AP.1a. Model with objects or communicate which groups of objects model “add ____” or “take away” within 5 objects.</p> | <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 161, 165</p> <p>Unit 2, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149,</p> |

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| | <p>150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 165, 167, 169</p> |
| <p>1.2. Solve addition and subtraction word problems, and add and subtract within 10, e.g., by using objects or drawings to represent the problem. (Students are not required to independently read the word problems).</p> <p>K.OA.1.AP.2a. Solve one-step addition and subtraction word problems, and add and subtract within 10 using objects, drawings or pictures.</p> <p>K.OA.1.AP.2b. Count two sets to find sums up to 10.</p> <p>K.OA.1.AP.2c. Solve word problems within 10.</p> | <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 161, 165</p> <p>Unit 2, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 165, 167, 169</p> |
| <p>1.4. For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation.</p> <p>K.OA.1.AP.4a. For any number from 1–4, find the number that makes 5 when added to the given number by using objects or drawings.</p> <p>K.OA.1.AP.4b. For any number from 1–9, find the number that makes 10 when added to the given number by using objects or drawings.</p> | <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 161, 165</p> <p>Unit 2, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 5: 128, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 165, 167, 169</p> |
| <p>1.5. Fluently add and subtract within 5.</p> <p>K.OA.1.AP.5a. Add to find sums within 5.</p> <p>K.OA.1.AP.5b. Subtract to find difference within 5.</p> | <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148,</p> |

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| | <p>149, 150, 151, 152, 153, 154, 155, 156, 157, 161, 165</p> <p>Unit 2, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 165, 167, 169</p> |
| <p>1.a. Use addition and subtraction within 10 to solve word problems involving both addends unknown, e.g., by using objects, drawings and equations with symbols for the unknown numbers to represent the problem. (Students are not required to independently read the word problems.)</p> <p>K.OA.1.AP.aa. Use objects to solve word problems related to addition and subtraction that involve unknowns and quantities up to 5.</p> | <p>Unit 1, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110</p> <p>Unit 1, Module 5: 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132</p> <p>Unit 1, Module 6: 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 161, 165</p> <p>Unit 2, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108</p> <p>Unit 2, Module 5: 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133</p> <p>Unit 2, Module 6: 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 160, 161, 162, 164, 165, 166</p> <p>Unit 3, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25</p> <p>Unit 3, Module 5: 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137</p> <p>Unit 3, Module 6: 163, 165, 167, 169</p> |
| MAFS.K.NBT Number and Operations in Base Ten | |
| Cluster 1: Work with numbers 11–19 to gain foundations for place value. | |
| <p>1.1. Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.</p> <p>K.NBT.1.AP.1a. Identify the value of a base ten block and ones block to build representations of 11–15.</p> | <p>Unit 3, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55</p> <p>Unit 3, Module 3: 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86</p> <p>Unit 3, Module 4: 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112</p> <p>Unit 3, Module 6: 141, 142, 148, 157, 159, 164, 165, 168, 169</p> |

MAFS.K.MD Measurement and Data

Cluster 1: Describe and compare measurable attributes.

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| <p>1.1. Describe measurable attributes of objects, such as length or weight. Describe several measurable attributes of a single object.</p> <p>K.MD.1.AP.1a. Describe objects in terms of measurable attributes (longer, shorter, heavier, lighter, etc.).</p> | <p>Unit 4, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 Unit 4, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 Unit 4, Module 6: 153, 155, 157, 159</p> |
| <p>1.2. Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. <i>For example, directly compare the heights of two children and describe one child as taller/shorter.</i></p> <p>K.MD.1.AP.2a. Compare two objects with a measurable attribute in common to see which object has more/less of the attribute (length, height, weight).</p> | <p>Unit 4, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 Unit 4, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 Unit 4, Module 6: 153, 157</p> |
| <p>1.a. Express the length of an object as a whole number of length units, by laying multiple copies of a shorter object (the length unit) end to end; understand that the length measurement of an object is the number of same-size length units that span it with no gaps or overlaps. Limit to contexts where the object being measured is spanned by a whole number of length units with no gaps or overlaps.</p> <p>K.MD.1.AP.aa. Express the length of an object as a whole number of lengths of another shorter object.</p> | <p>Unit 4, Module 2: 27, 28, 29, 30, 31, 32, 33, 34, 35, 36 Unit 4, Module 3: 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71 Unit 4, Module 6: 153, 157</p> |

Cluster 2: Classify objects and count the number of objects in each category.

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| <p>2.3. Classify objects into given categories; count the numbers of objects in each category and sort the categories by count.</p> <p>K.MD.2.AP.3a. Sort objects by characteristics (e.g., big/little, colors, shapes).</p> | <p>Unit 4, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 Unit 4, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 Unit 4, Module 6: 153, 155, 157, 159</p> |
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MAFS.K.G Geometry

Cluster 1: Identify and describe shapes (squares, circles, triangles, rectangles, hexagons, cubes, cones, cylinders, and spheres).

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| <p>1.1 Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as <i>above</i>, <i>below</i>, <i>beside</i>, <i>in front of</i>, <i>behind</i>, and <i>next to</i>.</p> <p>K.G.1.AP.1a. Use spatial language (e.g., above, below) to describe two-dimensional shapes.</p> | <p>Unit 4, Module 1: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 Unit 4, Module 2: 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 Unit 4, Module 6: 153, 155, 157, 159</p> |
| <p>1.2. Correctly name shapes regardless of their orientations or overall size.</p> <p>K.G.1.AP.2a. Recognize two-dimensional shapes (e.g., circle, square, triangle, rectangle), regardless of orientation or size.</p> | <p>Unit 4, Module 3: 52, 53, 54, 55, 56, 57, 58, 71 Unit 4, Module 4: 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105 Unit 4, Module 5: 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 128 Unit 4, Module 6: 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 155, 156, 159, 160</p> |
| <p>1.3. Identify shapes as two-dimensional (lying in a plane, “flat”) or three-dimensional (“solid”).</p> <p>K.G.1.AP.3a. Identify shapes as two-dimensional (laying flat) or three-dimensional (“solid”).</p> | <p>Unit 4, Module 5: 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 128 Unit 4, Module 6: 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151</p> |

Cluster 2: Analyze, compare, create, and compose shapes.

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| <p>2.4. Analyze and compare two- and three-dimensional shapes, in different sizes and orientations, using informal language to describe their similarities, differences, parts (e.g., number of sides and vertices/“corners”) and other attributes (e.g., having sides of equal length).</p> <p>K.G.2.AP.4a. Recognize two-dimensional shapes in environment, regardless or orientation or size.</p> <p>K.G.2.AP.4b. Use spatial language (e.g., above, below, etc.) to describe three-dimensional shapes.</p> | <p>Unit 4, Module 4: 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105 Unit 4, Module 5: 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122 Unit 4, Module 6: 129, 130, 131, 132, 133, 134, 135, 136, 137, 139, 140, 152, 155, 156, 159, 160</p> |
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| <p>2.5. Model shapes in the world by building shapes from components (e.g., sticks and clay balls) and drawing shapes.</p> <p>K.G.2.AP.5a. Build three-dimensional shapes.</p> | <p>Unit 4, Module 4: 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105</p> <p>Unit 4, Module 5: 106, 109, 113, 114, 115, 116, 117, 118</p> <p>Unit 4, Module 6: 129, 130, 131, 132, 133, 134, 135, 136, 137, 139, 140</p> |
| <p>2.6. Compose simple shapes to form larger shapes. <i>For example, “Can you join these two triangles with full sides touching to make a rectangle?”</i></p> <p>K.G.2.AP.6a. Compose a larger shape from smaller shapes.</p> | <p>Unit 4, Module 4: 95, 96, 97, 98, 99, 100, 101, 102, 103, 104</p> <p>Unit 4, Module 5: 106, 109, 113, 114, 115, 116, 117, 118</p> <p>Unit 4, Module 6: 129, 130, 131, 132, 133, 134, 135, 136, 137, 139, 140</p> |