Wisconsin Mathematics

Essential Elements: Grade 2

Operations and Algebraic Thinking 2.OA

A Represent and solve problems involving addition and subtraction. M.2.OA.A

1 Not applicable. See M.EE.3.OA.6.

B Add and subtract within 20. M.2.OA.B

2 Not applicable. SeeM.EE.2.NBT.7and M.EE.3.OA.6.

C Work with equal groups of objects to gain foundation for multiplications. M.2.OA.C

3 Equally distribute even numbers of objects between two groups. M.EE.2.OA.3

4 Use addition to find the total number of objects arranged within equal groups up to a total of 10. M.EE.2.OA.4

Number and Operations in Base Ten 2.NBT

A Understand place value. M.2.NBT.A

1 Represent numbers up to 30 with objects in sets of tens and ones (e.g., ten frames, hundreds chart, columns). M.EE.2.NBT.1

2 Extend understanding of numbers and quantities. M.EE.2.NBT.2

a Count to answer "how many?" questions about as many as 30 things. M.EE.2.NBT.2.A

b Given a number from 1-30, count out that many objects. M.EE.2.NBT.2.B

c Name the next number in a sequence between 1 and 10. M.EE.2.NBT.2.C

3 Identify numerals 1to 30. M.EE.2.NBT.3

4 Compare sets of objects and numbers using accurate vocabulary (e.g., greater, more, less, equal). M.EE.2.NBT.4

B Use place value understanding and properties of operations to add and subtract. M.2.NBT.B

5 Identify the meaning of the “+” sign (including combine, plus, add),“-” sign (including separate, subtract, take), and the “=” sign (including the same amount as, equal). M.EE.2.NBT.5

6 Using concrete models, compose and decompose numbers up to 10 in more than one way. M.EE.2.NBT.6

7 Use objects, representations, and numbers (0-20)to add and subtract. M.EE.2.NBT.7

Not applicable.

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9 Not applicable.

Measurement and Data 2.MD

A Measure and estimate lengths in standard units. M.2.MD.A

1 Measure the length of objects using non-standard units. M.EE.2.MD.1

2 Not applicable.

3 Order objects by length using non-standard units. M.EE.2.MD.3

4 Order objects by length using non-standard units. M.EE.2.MD.4

B Relate addition and subtraction to length. M.2.MD.B

5 Increase or decrease length by adding or subtracting unit(s). M.EE.2.MD.5

6 Use a number line to add one more unit of length. M.EE.2.MD.6

C Work with time and money. M.2.MD.C

7 Identify, on a digital clock, the hour that matches a routine activity. M.EE.2.MD.7

8 Recognize that money has value. M.EE.2.MD.8

9 Create physical bar graphs from sorted objects (e.g., line up different colored toy cars). M.EE.2.MD.9

10 Create physical bar graphs from sorted objects (e.g., line up different colored toy cars). M.EE.2.MD.10

Geometry 2.G

A Reason with shapes and their attributes. M.2.G.A

1 Identify common two-dimensional shapes including squares, circles, triangles, and rectangles of various sizes and in various orientations. M.EE.2.G.1

2 Not applicable.

3 Not applicable. SeeM.EE.3.G.2and M.EE.4.NF.1.