Wisconsin Mathematics

Essential Elements: Grade 1

Operations and Algebraic Thinking 1.OA

A Represent and solve problems involving addition and subtraction. M.1.OA.A

1 Represent addition and subtraction e.g., by using objects, fingers, mental images, drawings, sounds (e.g., claps), or acting out situations. M.EE.1.OA.1

2 Use “putting together” to solve problems with two sets. M.EE.1.OA.2

B Understand and apply properties of operations and the relationship between addition and subtraction. M.1.OA.B

3 Not applicable. See M.EE.6.EE.3 and M.EE.N.CN.2.

4 Not applicable. See M.EE.1.NBT.4 and M.EE.1.NBT.6.

C Add and subtract within 20. M.1.OA.C

5 Relate counting to addition and subtraction. M.EE.1.OA.5

a Use manipulatives or visual representations to indicate the number that results when adding one more. M.EE.1.OA.5.A

b Apply knowledge of “one less” to subtract one from a number. M.EE.1.OA.5.B

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

D Work with addition and subtraction equations M.1.OA.D

7 Recognize two groups that have the same or equal quantity. M.EE.1.OA.7

Number and Operations in Base Ten 1.NBT

A Extend the counting sequence. M.1.NBT.A

1 Know the count sequence and understand numbers and quantities. M.EE.1.NBT.1

a Count by ones to 30. M.EE.1.NBT.1.A

b Count up to 10 objects and representthe quantity withthe corresponding numeral. M.EE.1.NBT.1.B

B Understand place value. M.1.NBT.B

2 Create sets of 10. M.EE.1.NBT.2

3 Compare two groups of 10 or fewer items when the number of items in each group is similar. M.EE.1.NBT.3

C **Use place value understanding andproperties of operations to add and subtract.** M.1.NBT.C

4 Compose quantities less than or equal to five in more than one way. M.EE.1.NBT.4

5 Not applicable. See M.EE.1.OA.5.

6 Decompose quantities less than or equalto five in more than one way. M.EE.1.NBT.6

Measurement and Data 1.MD

A **Measure lengths indirectly and by iterating length units.** M.1.MD.A

1 Compare lengths to identify which is longer/shorter or taller/shorter. Compare lengths to identify which is longer/shorter or taller/shorter. M.EE.1.MD.1

2 Compare lengths to identify which is longer/shorter or taller/shorter. M.EE.1.MD.2

B **Tell and write time.** M.1.MD.B

3 Understand concepts of time. M.EE.1.MD.3

a Demonstrate an understanding of tomorrow, yesterday, and today. M.EE.1.MD.3.A

b Demonstrate an understanding of morning, afternoon, day, and night. M.EE.1.MD.3.B

c Identify activities that come before, next, and after. M.EE.1.MD.3.C

d Demonstrate an understanding that telling time is the same every day. M.EE.1.MD.3.D

C **Represent and interpret data.** M.1.MD.C

4 Organize objects into categories by sorting (e.g., color, size, shape). Count the number of objects in each category and identify the category with the most objects. M.EE.1.MD.4

Geometry 1.G

A **Reason with shapes and their attributes.** M.1.G.A

1 Identify the relative position of objects that are on, off, in, and out. M.EE.1.G.1

2 Sort shapes of the same size and orientation including circles, squares, rectangles, and triangles. M.EE.1.G.2

3 Put together two shapes to make a shape that relates to the whole (e.g., two semicircles to make a circle,two squares to make a rectangle). M.EE.1.G.3