

Grade 2

Students demonstrate increasingly complex understanding of number sense.

Number and Operations in Base 10

- 1 Represent numbers up to 30 with sets of tens and ones using objects in columns or arrays. [EE.2.NBT.1](#)
 - 2.a Count from 1 to 30 (count with meaning; cardinality). [EE.2.NBT.2.A](#)
 - 2.b Name the next number in a sequence between 1 and 10. [EE.2.NBT.2.B](#)
 - 3 Identify numerals 1 to 30. [EE.2.NBT.3](#)
 - 4 Compare sets of objects and numbers using appropriate vocabulary (more, less, equal). [EE.2.NBT.4](#)
 - 5.a Identify the meaning of the “+” sign (i.e., combine, plus, add), “-” sign (i.e., separate, subtract, take), and the “=” sign (equal). [EE.2.NBT.5.A](#)
 - 5.b Using concrete examples, compose and decompose numbers up to 10 in more than one way. [EE.2.NBT.5.B](#)
 - 6-7 Use objects, representations, and numbers (0–20) to add and subtract. [EE.2.NBT.6-7](#)
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Students demonstrate increasingly complex spatial reasoning and understanding of geometric principles.

Geometry

- 1 Identify common two-dimensional shapes: square, circle, triangle, and rectangle. [EE.2.G.1](#)
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Students demonstrate increasingly complex understanding of measurement, data and analytic procedures.

Using Measurement and Data

- 1 Measure the length of objects using non-standard units. [EE.2.MD.1](#)
 - 3-4 Order by length using nonstandard units. [EE.2.MD.3-4](#)
 - 5 Increase or decrease length by adding or subtracting unit(s). [EE.2.MD.5](#)
 - 6 Use a number line to add one more unit of length. [EE.2.MD.6](#)
 - 7 Identify on a digital clock the hour that matches a routine activity. [EE.2.MD.7](#)
 - 8 Recognize that money has value. [EE.2.MD.8](#)
 - 9-10 Create picture graphs from collected measurement data. [EE.2.MD.9-10](#)
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Students solve increasingly complex mathematical problems, making productive use of algebra and functions.

Problem Solving

- 3 Equally distribute even numbers of objects between two groups. [EE.2.OA.3](#)
- 4 Use addition to find the total number of objects arranged within equal groups up to a total of 10. [EE.2.OA.4](#)