Topic E
Are There Enough?

PK.CC.5, PK.CC.3a

Focus Standard: PK.CC.5 Identify whether the number of objects in one group is more, less, greater than, fewer, and/or equal to the number of objects in another group, e.g., by using matching and counting strategies. (1:1 up to 5 objects)

Instructional Days: 3
Coherence -Links to: GK–M3 Comparison of Length, Weight, Capacity, and Numbers to 10

So far, Pre-Kindergarten students have done a lot of one-to-one counting, have compared measurable attributes, and have identified the first and last in a group of objects. Topic E brings these concepts together as students identify if a group of objects is more, less, or equal to another (PK.CC.5). In Lesson 16, students play musical chairs, seeing in a meaningful context that “There are not enough chairs!” Students might inadvertently observe that they need more to make enough, thus revisiting the concept of one more.

Lesson 17 continues the progression as students match a snack, drink, napkin, and plate to each student to find there are exactly enough of these items. Then, students take their bears to a party to find there are exactly enough pretend plates, napkins, and pieces of cake for each bear.

Lessons in Topic E progress from not enough to exactly enough, and finally, to enough and some extras. In Lesson 18, students use their counting and matching strategies to discover that all the bears have a seat at the movie theater, and there are even some extra seats. Again, this naturally leads students to answer the question, “How many extra seats are there?” The lessons in this topic help set the stage for children to understand comparison of number (Topics F and G), which leads to addition and subtraction concepts in Module 5.

In Topic E Fluency Practice, students continue to match a count to an abstract numeral, and they practice touching and counting 10 objects, a core fluency goal of Pre-K. Students also see smaller quantities embedded in larger numbers as they decompose 5 in playful scenarios.
A Teaching Sequence Toward Mastery of Are There Enough

| Objective 1: Compare: Match to find there are not enough. (Lesson 16) |
| Objective 2: Compare: Match to find there are exactly enough. (Lesson 17) |
| Objective 3: Compare: Match to find that there are enough, with some extras. (Lesson 18) |