

Composing Numbers 11, 12, 13

Number and Operations in Base 10

Concept	To write number sentences that will represent the composition of 10 plus 1, 2 or 3, to make numbers 11, 12, or 13.
Materials needed	Each student will need: <ul style="list-style-type: none">• 2 tens frames• a white board• dry erase marker• a cup• 13 counters
Directions	<p>Each student will put 2 tens frames in front of themselves. The counters will all be in a cup. The student will 'shake out' a random number of counters onto their workspace. The student will then place the counters onto the tens frame(s). The student will practice saying '10' if the whole frame is full, and then count on '11, 12, or 13'.</p> <p>The student will then practice writing the number on their white board. Students will continue practicing counting on and writing numbers on the white board.</p> <p>There are times the student may 'shake out' less than 11, 12, or 13.</p>
Differentiate	<p>To differentiate instruction for struggling students, the teacher may already have a tens frame filled in, and have students only shake out 1, 2, or 3 counters each time. Then the student would practice counting on 11, 12, or 13.</p> <p>To differentiate instruction for advanced students, the teacher may hand out more counters, and add more tens frames. The students could then practice adding on higher numbers.</p>
CCSS	Kindergarten - (Compose and decompose numbers from 11 to 19 into ten ones and some further ones.) K.NBT.1



