

Numbers to Twenty on the TenFrame

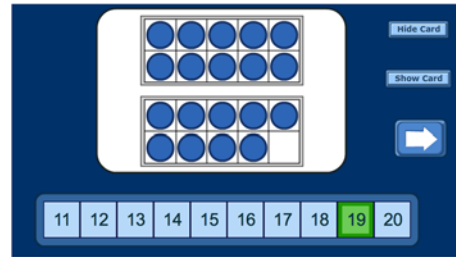
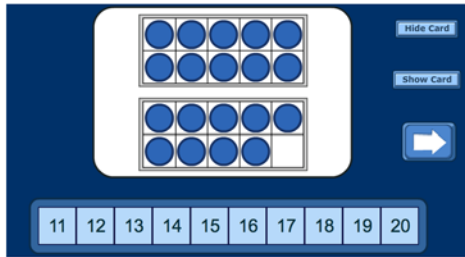
The interactive white board tool for this lesson can be found on our website under Resources and Teacher Tools. (www.dreambox.com/teachertools)

In this DreamBox lesson, students will use multiple two by five arrays, in the form of a TenFrame to support the use of fives and tens as anchors for early number sense.

Sample Lesson

Objective: Students use multiple strategies to identify the number of counters on a TenFrame. This lesson is about mathematical structure and using it to explain their strategies.

Instruction:



1. Supply each student with a dry erase board and marker.
2. After the lesson is projected on an interactive whiteboard and the first card has been shown, ask the students to write down the number on their white board.
3. Allow each student hold their boards in the air, showing their number. Then click the Show Card button to show the TenFrame card again.
4. Call on a student who has the correct answer to explain their strategy of how they determined the number.
Possible Responses:
 - I counted 19 counters.
 - The top part shows 10 counters because it is filled in. The bottom shows 9 counters.
 - The top part shows 10 counters because it is filled in. The bottom shows 9 counters. That is 19 all together.
 - Only one counter is missing so the number is equal to 19.
5. Then click on the answer to advance to the next problem. Repeat this process 3-5 times to allow multiple students to share a variety of strategies.
6. During the next series of problems, do not click the Show Card button and have the students share their answer and strategy with a neighbor.
7. Choose one student to come forward to click on the correct answer and share their strategy with the class.
8. Repeat this process giving multiple children a chance to share their strategies with the class.