

## Magic Number

Fuson K. C., Grandau L., Sugiyama P.A. (2001) Achievable numerical understandings for all young children. *Teaching Children Mathematics*. 7(9), 522–526.

**This targeted intervention helps students identify and name numbers 11-19, emphasizing the structure of the base-10 numeration system.**

### Materials:

- 10 decade card and single digit overlays with numbers 1 to 9.

### Steps:

1. The teacher shows the 10 decade card to the student and states, “This number is 10. What number is this?”
2. If the student responds correctly to the number 10, then a magic number is formed.
3. The teacher places the single digit overlay with number 1 on top of the 0 and says, “11 is 10 and one more. What magic number is this?”
4. Each session begins with a new magic number using single digit overlays for numbers 2 through 9.
5. The previous learned numbers, as well as the new magic number are reviewed daily.