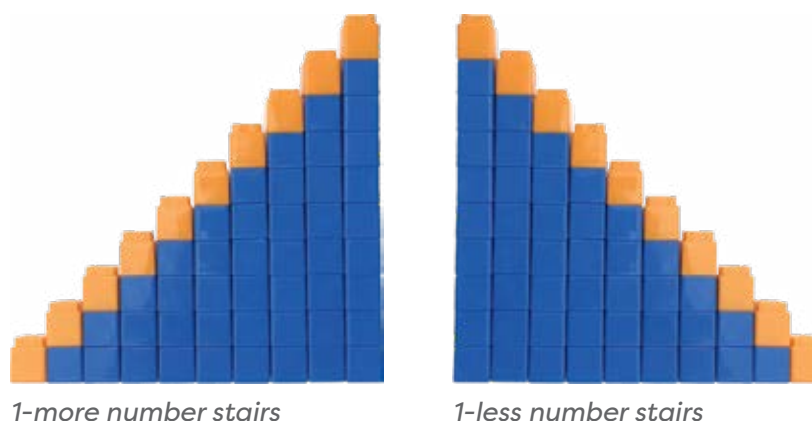


FAMILY MATH

Analyze the Count Sequence

Dear Family,

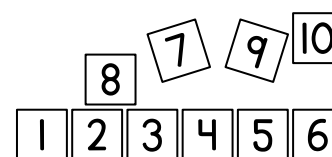
Students are exploring the sequence of numbers from 1 through 10. The number stairs make it easy to see that the next number in the count sequence is 1 more: “1; 1 more is 2.” Then “2; 1 more is 3 ...” As they count back, students see the opposite, that each number is 1 less.



At-Home Activities

Activity Idea 1 Number Detective

1. Use the number cards from topic B or cut out the number cards included with this letter. Mix up the cards and have your child place them in order from 0 through 10.
2. Once the cards are in order, flip a few cards so some numbers are hidden. Point to a flipped card and have your child use the numbers shown to figure out the hidden number.

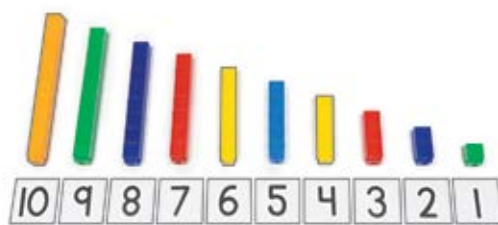
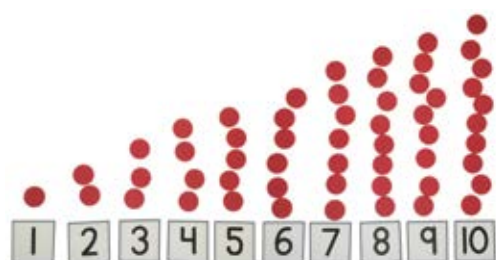


Activity Idea 2 Number Match Game

Mix the number cards and dot cards (included with this letter) together, and then lay 6 cards face up. Take turns matching cards that show the same number. Replace the matched cards with cards from the deck. Play until all cards are matched. Challenge your child to put the matched cards in order from 0 through 10.

Number Stairs

In class, students build number stairs from 0 to 10 and find that the next number in the count sequence is 1 more. Number stairs allow students to visualize, or see, the pattern of 1 more in the forward counting sequence. They will also build number stairs from 10 to 0 to see that when counting back, each number is 1 less. We call this the *1-less pattern*.

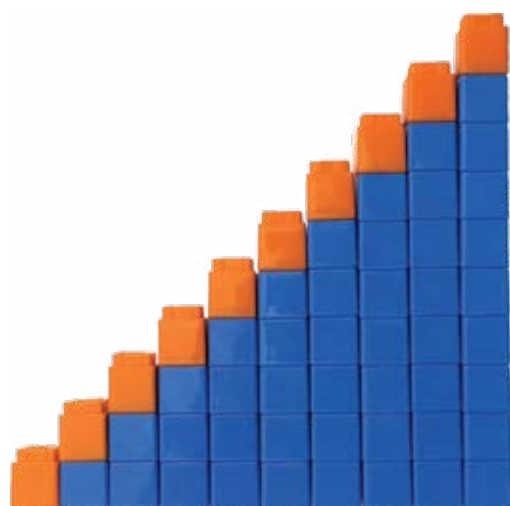


Why do children need to understand the pattern in the forward and backward count sequences? This understanding helps them know how many objects are in a group when they add 1 or take away 1. Without that understanding, a child might add a penny to a group of 24 and then count the whole group from 1.

Students will see the number sequence represented on a number path and, in future grades, on the number line.

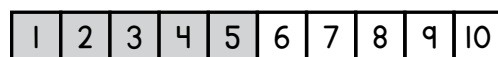
K

number stairs



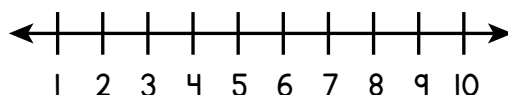
K and 1

number path



2

number line



0

1

2

3

4

5

6

7

8

9

10



