## Extending the Counting Sequence

Check out the "Parent Quick Smarts" video for this unit by using this link: https://goo.gl/JBk7WC

## Overarching Student Learning Goals

In this unit, your child will work to build an understanding of the following:

## Counting to $\mathbf{1 2 0}$ by ones, including counting on from any number.

Use a number line or 120s chart to explore counting on from a given number by ones.
"Starting at 41, what is the next number in the sequence?" 41, 42
"What are the next 3 numbers?"
$\begin{array}{lllllllllllllllllllll} & 41 & 42 & 43 & 44 & 45 & 46 & 47 & 48 & 49 & 50 & 51 & 52 & 53 & 54 & 55 & 56 & 57 & 58 & 59 & 60\end{array}$


Identifying patterns in the counting sequence within 120.
Use a 120s chart to explore patterns with the ones places when counting by ones from a given number.

| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |

## Resources/Tasks to support your child at home.

- Choose a number and have your child count by ones starting at that number. Could use a 120 s chart (https://goo.gl/NngTgc) or a number line (https://goo.g//G7EHV8) to practice. This could also be done as you are counting pennies/other objects, driving, waiting in line, taking a walk, etc.
- Number Line Interactive Online Tool - Use an interactive online number line to count by ones from any given number. https://goo.gl/VHuKWy
- Use a 120s chart (https://goo.gl/NngTgc) to explore patterns. Start at the row beginning with 41, go across the row. Ask your child, "What do you notice?" They should notice the ones place is increasing by one 1 while the tens place stays the same. Continue with other numbers and rows.
- Interactive Hundred Chart: goo.gl/3SfPKr

Counting and representing a number of objects with a written numeral.

Represent numbers to 120 with a written numeral.


Count by ones to determine there are 14 popsicles.

- Look for pictures of objects in the newspaper, magazines or books. Have your child practice counting how many there are by ones. Then have them re-count to group by 10 s and count on by ones. (For example: There are 23 apples on the page. I made 2 groups of ten and counted on 3 ones. So 10, 20, 21, 22, 23).
- The Counting Game: goo.gl/BzSwuB

