

Kindergarten Priority Math Goals - Dr. Nicki Newton 2022

# KIndERGARTEN GÖALS 

| Ican <br> subitize <br> (see and say without counting) <br> counting | I can cöunt öbjects tö 5 | $\begin{gathered} \text { I can Write } \\ \text { my numbers } \\ \text { tö } 5 \\ 12345 \end{gathered}$ | $\begin{gathered} \text { I can make a } \\ \text { set of } 5 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| I can cöunt öbjects tö 10 <br> sing | I can Write my numbers tö 10 $\begin{array}{\|r\|} 123456 \\ \hline 8910 \end{array}$ | $\begin{aligned} & \text { I can make a } \\ & \text { set of } 10 \end{aligned}$ |  |
| I can Write my numbers tö 20 | i can make a set öf 20 | I can cöunt backWards fröm 10 098765 4321 |  |
| lcan cöunt ön fröm any number tö 100 |  |  |  |
| I cancöunt in aline, röW, circle and scattered | KnöW my teen <br> numbers <br> $14=10+4$$00 j o g e r ~$ | $\begin{aligned} & \text { Ican add } \\ & \text { Within } 5 \\ & \text { fluently } \\ & 3+3=5 \\ & 0.0 \end{aligned}$ |  |











##  <br> 













## can subitize (see and say without counting)



$$
\begin{aligned}
& \text { Ican Write } \\
& \text { my numbers }
\end{aligned}
$$

## lcan make a

$$
\text { set öf } 5
$$



## Icancöunt <br>  to 10 <br> 

Ican Write my numbers
to 10
123456
789


## lcan make a

 set öf 10

Icancöunt öbjects tö 20


$$
\begin{gathered}
\text { Ican write } \\
\text { my numbers } \\
\text { t } \mathbf{\theta} \mathbf{2 0} \\
1234567910 \\
1112141516171920
\end{gathered}
$$

# Ican make a 

 set öf 20

$$
\begin{gathered}
\text { Ican count } \\
\text { backwards } \\
\text { from } \mathbf{1 0} \\
1098765 \\
432
\end{gathered}
$$

Icancöunt

I can cöunt ön
from any

$$
\text { number tö } 100
$$

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 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 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



$$
\begin{aligned}
& \text { Ican cöunt } \\
& \text { patterns } \\
& \text { (cLaps snaps } \\
& \text { and taps) }
\end{aligned}
$$



$$
\begin{align*}
& \text { in cancount } \\
& \text { circle and } \\
& \text { scattered } \\
& \text { ••••••••• } \\
& \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet \bullet  \tag{0}\\
& \text { - - • } \\
& 0 \\
& \text { - } \\
& \text { - } \\
& \text { - } \\
& \text { - } \\
& \text { - }
\end{align*}
$$

## | KnöW my teen numbers $14=10+4$



# I can add <br> Within 5 fluentiy 



#  subitize <br> <br> (see and say without counting) 

 <br> <br> (see and say without counting)}



I can cöunt öbjects tö 5

I can Write my numbers to 5

$$
12345
$$



set öf 10


I can cöunt öbjects to 20 Nan mannor

I can Write my numbers tö 20 2345678910
12131415161781920 II 12131414151617181920


I can cöunt backWards fröm 10 1098765 4321

## I can cöunt

## tö 100



# I can cöunt ön fröm any number tö 100 

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 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 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



I can cöunt patterns (claps, Shaps and taps)



## I KnöW my teen numbers $14=10+4$



I can add Within 5 fiuently

$$
\begin{aligned}
& 3+3=5^{8} 0 \\
& 0,0
\end{aligned}
$$

I can
subtract within 5 fluently

4-1 $=3$

- $3-0=3$



## Thank You!

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## About the Dr. Nicki Newton

Dr. Nicki Newton is an education consultant who works with
 schools and districts around the country and Canada on k-8 math curriculum. She has taught elementary school, middle school, and graduate school. Dr Nicki has an Ed.M. and an Ed.D from Teachers, College Columbia University. She is greatly interested in teaching and learning practices around the world and has researched education in Denmark, Guatemala and India. She has written several books, including being a part of the curriculum team for the new McGraw Hill Reveal Math series. She is currently working on a book about counting.

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