

Counting by Ones and Tens to 100

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

Overarching Student Learning Goals

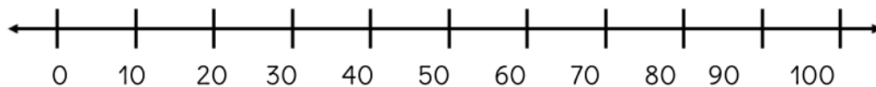
In this unit, your child will work to build an understanding of the following:

Count to 100 by ones

Students begin by counting from 1 to 100 sequentially using tools, such as a number line or hundreds chart. Students begin looking for patterns when counting by ones. Example: As I count by ones, the next number increases by one.

Hundreds Chart

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



Count to 100 by ones, beginning at any number

Students count to 100 by ones, starting at any number. Because they have a deep understanding of the counting by ones patterns, they can apply that to determine missing amounts.

Example:

45	46	47	48	49
55	56		58	59
65	66	67	68	69

"The missing number is 57, because 7 ones is one more than 6 ones and the tens place stays the same."

Resources/Tasks to support your child at home.

- Have a hundreds chart available for your child to find patterns. Ask your child to find as many patterns as they can. Ask them "how do you know that is a pattern?"
- <http://mrnussbaum.com/sea-horse-chronicles-2/> - Click on the numbers in order for the fish to eat.
- Kahn Academy Tutorial Video: [Number Grid](#)
- ABCya Online Game: [Number Bubble](#)
- Using the hundreds chart or a hundreds number line, chose a number and have your child count forward from that number.
- <http://mrnussbaum.com/61grade1> - Fill in the missing number on a hundreds chart based on counting by ones patterns.

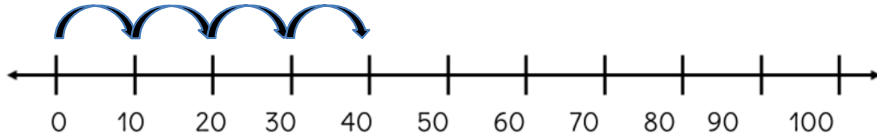
Kindergarten

Count to 100 by tens

Students will use hundred charts, ten frames, and number lines to skip count by 10s.

Example: Counting by tens - 10, 20, 30, 40

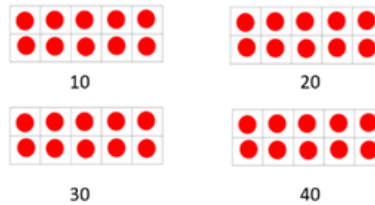
Number Line:



Hundreds Chart

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

Tens Frame:



- Using the hundreds chart have your child count forward by 10s until they count to 100.
- Use small objects around the home (dry beans, cheerios, etc.) and have your child glue ten of them on a piece of paper or a Popsicle stick to represent a ten.
- Khan Academy Tutorial Video: [Count by Tens](#) (stop after 40 seconds)
- Math Learning Center: [Number Frames](#)