

## Unit 2

# Family Letter

Reveal  
**MATH**<sup>®</sup>

Dear Family,

In this unit, Number Patterns, we will be learning how to identify and describe number patterns when counting by 1s and counting groups of objects.

### STEM Career Kid for this Unit

**Hi, I'm Erik.**

Hello! My name is Erik, and I want to be a video game designer. Video game designers use math when they keep score in their games.



### What math terms will your child use?

Term	Student Understanding
column	a part of a table that goes up and down
ones	the numbers in the range of 0–9
pattern	a series or sequence that repeats based on a rule
row	a part of a table that goes left to right
tens	numbers such as 10, 20, 30, etc.; each ten represents ten ones



### What can your child do at home?

Encourage your child to identify patterns when counting by 1s up to 120. For example, identify a starting number and have your child write the next three numbers. Then have your child identify a pattern in the numbers he or she wrote.

# What Will Students Learn in this Unit?

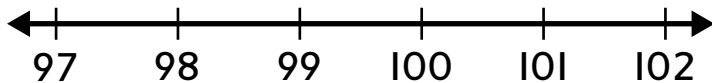
## Using Counting Patterns

Your child will learn to use counting patterns on number charts and number lines.

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
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

*Example:*

Start at 97. Use counting patterns to count on.



The ones increase by 1 from 0 to 9. After 9, the ones start again at 0.

The tens stay the same until the ones start again at 0. The tens increase by 1 each time the ones start at 0.

Students can count: 97, 98, 99, 100, 101, 102.

## Noticing Patterns When Reading and Writing Numbers

Your child will also learn to read and write numbers to 120. Students will use patterns to write the numbers that follow an identified starting number.

*Examples:*

Start at 32. Count by 1s. What numbers come next? 33, 34, 35, 36, 37

Start at 100. Count by 1s. What numbers come next? 101, 102, 103, 104, 105

Start at 12. Count by 1s. What numbers come next? 13, 14, 15, 16, 17

Start at 110. Count by 1s. What numbers come next? 111, 112, 113, 114, 115