HAKILLO KIDS · TEACHER GUIDE · VIRGINIA SOL EDITION · GRADE 2 · LESSON 2

Counting to 1,000



VIRGINIA SOL (2023)
2.NS.1, 2.NS.2

VIDEO LENGTH
4:40 · Common Core edition also available

WATCH THE LESSON FREE
hakillokids.org/math/grade-2#G2-02

PRACTICE ONLINE
learn.hakillokids.org · videos stop for each question, scored automatically

2.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 200.

2.NS.2 The student will demonstrate an understanding of the ten-to-one relationships of the base 10 number system to represent, compare, and order whole numbers up to 999.

Materials: A 1,000 chart or number lines, base-ten blocks.

Students will

- Count forward and back within 1,000 by ones.
- Count across a new hundred (399, 400).
- Count by tens from any number.
- Find 10 more, 10 less, 100 more and 100 less.

Key words

count on	count forward from a number
count back	count down from a number
ten more, ten less	the tens digit goes up or down by one
hundred more, hundred less	the hundreds digit goes up or down by one

Before the video 2 minutes

Write 199 on the board. Ask: “What number comes next? What changes?”

What happens in the video

0:00	Welcome and today's goal: counting to 1,000
0:19	Counting across 400: after 399 comes 400
0:47	Counting by tens from 340
1:17	Counting back past 500
1:41	10 more and 100 more than 230
2:04	Spot the mistake: after 399 comes 400, not 300
2:28	Your turn! Students answer during each pause (see below)
4:00	Jumping by hundreds to 1,000
4:20	Recap and goodbye

Spot the mistake at 2:04

> **Sam:** I'll count! Three hundred ninety-eight, three hundred ninety-nine, three hundred!
> **Ivy:** Hmm... three hundred? We already passed that!
> **Mia:** After three hundred ninety-nine, the hundreds go up. Three hundreds become four hundreds. Four hundred!
> **Sam:** Oops! Three hundred ninety-nine, four hundred!

- Ask: "What happens after 9 ones and 9 tens?" (We make a new hundred.)
- Show 3 flats, 9 rods and 9 cubes. Add 1 cube and trade up.
- Count together: 398, 399, 400.

Your-turn pauses students answer out loud, then the characters give the answer

TIME	QUESTION	ANSWER IN THE VIDEO
2:29	What number comes after four hundred ninety-nine?	Five hundred!
2:42	What number comes just before six hundred?	Five hundred ninety-nine!
2:54	Seven hundred eighty, seven hundred ninety. What comes next?	Eight hundred! We counted by tens.
3:09	What is ten less than seven hundred five?	Six hundred ninety-five!
3:22	What is one hundred more than three hundred sixty-two?	Four hundred sixty-two!
3:34	Count back. Three hundred two, three hundred one. What comes next?	Three hundred!
3:48	What comes after nine hundred ninety-nine?	One thousand!

Tip: pause the video a little longer on any question your class finds hard, and ask a student to explain how they know.

After the video: talk about it

1. Which digit changes when you count by tens?
2. What is 100 less than 725? How do you know?
3. Count back from 302 to 296 with a partner.

Go further

Number path race: students roll a die and move by tens or hundreds on a number path to 1,000, saying each number aloud.

Answer key for the practice page

1. 600
2. 799
3. 500
4. 366
5. 381
6. 404, 403, 402, 401, 400

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HAKILLO KIDS · GRADE 2 · LESSON 2 · PRACTICE

Counting to 1,000

Name: _____ **Date:** _____

1. **What comes after 599?**

   Answer: _____

2. **What comes just before 800?**

   Answer: _____

3. **Count by tens: 470, 480, 490, ___**

   Answer: _____

4. **10 more than 356 is ___**

   Answer: _____

5. **100 less than 481 is ___**

   Answer: _____

6. **Count back from 405. Write the next five numbers.**

   Answer: _____

Watch the lesson free: hakillokids.org/math/grade-2#G2-02
Practice online with Mia, Sam & Ivy: **learn.hakillokids.org**