HAKILLO KIDS · TEACHER GUIDE · COMMON CORE EDITION · GRADE 1 · LESSON 1

Counting to 120



COMMON CORE
1.NBT.A.1

VIDEO LENGTH
4:00 · Virginia SOL edition also available

WATCH THE LESSON FREE
hakillokids.org/math/grade-1#G1-01

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

1.NBT.A.1 Count to 120, starting at any number less than 120. In this range, read and write numerals and represent a number of objects with a written numeral.

Materials: 120 chart, number line to 120, counters.

Students will

- Count forward to 120, starting at any number.
- Count past 100 (100, 101, 102 ...).
- Count back from 20.
- Name the number that comes just before or after.

Key words

count on	start at a number and keep counting forward
count back	count down, getting smaller each time
before, after	the number just smaller, the number just bigger
one hundred twenty	120: one hundred and two tens

Before the video 2 minutes

Point to 100 on a 120 chart. Ask: “What number comes next? How do you know?”

What happens in the video

0:00	Welcome to first grade and today's goal: counting to 120
0:20	Counting from 95 past 100
0:41	Counting from 110 to 120
1:04	Counting on from 47
1:21	Counting back from 20
1:41	Spot the mistake: after 109 comes 110, not 200
2:04	Your turn! Students answer during each pause (see below)
3:09	Jumping and counting from 100 to 120
3:40	Recap and goodbye

Spot the mistake at 1:41

> **Sam:** My turn! One hundred seven, one hundred eight, one hundred nine… two hundred!
> **Ivy:** Hmm… two hundred?
> **Mia:** After one hundred nine comes one hundred ten. It's like nine, then ten!
> **Sam:** Oops! One hundred nine, one hundred ten! Two hundred is way bigger!

- Ask: "What comes after 9? So what comes after 109?" (10, so 110.)
- Point to 109 and 110 on the 120 chart.
- Show that 200 is much farther along than 110.

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

TIME	QUESTION	ANSWER IN THE VIDEO
2:05	What number comes after one hundred nineteen?	One hundred twenty!
2:17	What number comes just before one hundred?	Ninety-nine! Ninety-nine, then one hundred.
2:31	Count on. Sixty-six, sixty-seven, sixty-eight. What comes next?	Sixty-nine!
2:45	Count back. Thirteen, twelve, eleven. What comes next?	Ten!
2:57	What number comes after eighty-nine?	Ninety! Eighty-nine, ninety.

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. How is counting from 100 to 120 like counting from 0 to 20?
2. Start at 58 and count on to 65 with a partner.
3. When do we count back in real life? (Rocket countdowns, timers.)

Go further

Hundred chart puzzles: cut a 120 chart into pieces; students rebuild it and explain how they knew where each piece goes.

Answer key for the practice page

1. 110
2. 99
3. 114
4. 14
5. 99
6. 101, 102, 103, 104, 105, 106, 107, 108, 109, 110

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Counting to 120

Name: _____ **Date:** _____

1. **What number comes after 109?**

   Answer: _____

2. **What number comes just before 100?**

   Answer: _____

3. **Count on: 112, 113, ___**

   Answer: _____

4. **Count back: 17, 16, 15, ___**

   Answer: _____

5. **Fill in the missing number: 97, 98, ___, 100**

   Answer: _____

6. **Write the numbers from 101 to 110.**

   Answer: _____

Watch the lesson free: hakillokids.org/math/grade-1#G1-01
Practice online with Mia, Sam & Ivy: **learn.hakillokids.org**