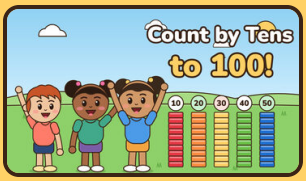
HAKILLO KIDS · TEACHER GUIDE · VIRGINIA SOL EDITION · KINDERGARTEN · LESSON 3

Counting to 100 by Tens



VIRGINIA SOL (2023)
K.NS.1

VIDEO LENGTH
4:59 · Common Core edition also available

WATCH THE LESSON FREE
hakillokids.org/math/kindergarten#K03

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

K.NS.1 The student will utilize flexible counting strategies to determine and describe quantities up to 100.

Materials: Snap cubes, a hundreds chart, hand tracings.

Students will

- Build towers of ten.
- Count by tens to 100.
- Know that counting towers of ten is faster than counting by ones.
- Name the ten that comes after a ten.

Key words

tower of ten	ten blocks stacked together
count by tens	10, 20, 30, 40 … 100
one hundred	ten tens
after	the next number

Before the video 2 minutes

Show a big pile of cubes. Ask: “How could we count these without taking all day?”

What happens in the video

0:00	Welcome and today's goal: counting to 100 by tens
0:19	So many blocks: build towers of ten
0:37	One tower is ten blocks
0:57	Counting the towers: ten, twenty, thirty
1:58	The tens song to 100
2:28	Your turn! Students answer during each pause (see below)
3:09	Spot the mistake: after ninety comes one hundred
4:18	Jumping on every ten
4:37	Recap and goodbye

Spot the mistake at 3:09

> **Sam:** Watch me count all the way!
> **Sam:** Ten twenty thirty forty fifty sixty seventy eighty ninety ten-ty!
> **Ivy:** Hmm... is it ten-ty?
> **Mia:** After ninety comes one hundred!
> **Sam:** Oops! One hundred! Silly me!
> **All:** Ninety, one hundred!

- Ask: “What comes after ninety?” (One hundred.)
- Count ten towers by tens together.
- Point to 90 and 100 on a hundreds chart.

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

TIME	QUESTION	ANSWER IN THE VIDEO
2:29	Each tower has ten blocks. How many blocks are there? Count by tens!	Ten, twenty, thirty. Thirty blocks!
2:49	I built some too! Count my towers by tens!	Ten, twenty, thirty, forty, fifty. Fifty blocks!
3:40	Guess what? We each have ten fingers! Hold up your hands!	Ten, twenty, thirty! Thirty fingers!
4:03	What comes after forty?	Fifty! Forty... fifty! You got it!

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. Why do we put blocks in towers of ten?
2. What comes after 60 when we count by tens?
3. How many fingers do 5 friends have? Count by tens.

Go further

Hundred day collection: students bring in 10 small items each, and the class groups them into tens to count to 100.

Answer key for the practice page

1. 30
2. 70
3. 100
4. 40
5. 20
6. 30 blocks

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HAKILLO KIDS · KINDERGARTEN · LESSON 3 · PRACTICE

Counting to 100 by Tens

Name: _____ **Date:** _____

1. **Count by tens: 10, 20, ___**

   Answer: _____

2. **Count by tens: 50, 60, ___**

   Answer: _____

3. **What comes after 90 when we count by tens?**

   Answer: _____

4. **4 towers of ten. How many blocks?**

   Answer: _____

5. **How many fingers do 2 friends have?**

   Answer: _____

6. **Draw 3 towers of ten. How many blocks?**

   Answer: _____

Watch the lesson free: hakillokids.org/math/kindergarten#K03
Practice online with Mia, Sam & Ivy: **learn.hakillokids.org**