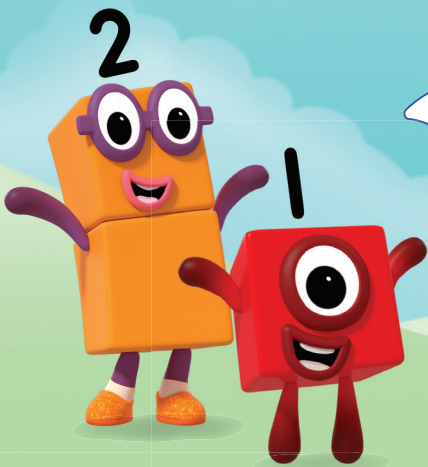




# Welcome to Numberland!

Number Routines with Numberblocks immerses students in hands-on development of number sense and foundational math skills with the help of their favorite Numberblocks friends!

Based on the global hit TV series

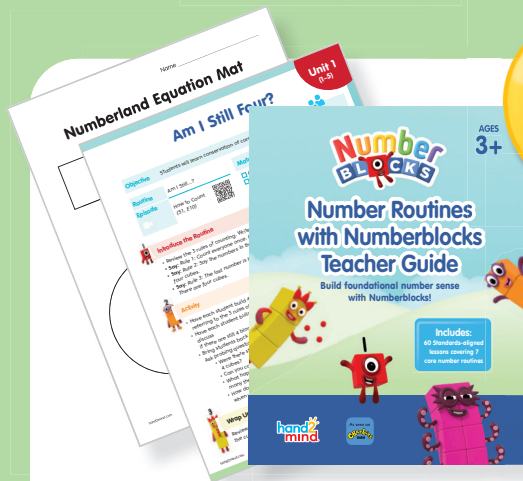


## What is a number routine?

A quick activity that focuses on the big ideas in math! It provides students with a predictable frame to engage in the content and develop strong foundational number sense.

“The Number Routines program has many wonderful parts to it, and it really does engage the kids in math.”

— Classroom Teacher



60 lessons across 3 units



## Features:

- Teacher's Guide with blackline masters
- eReader digital resources
- Teacher Demonstration Cards
- Over 1700 MathLink® Cubes
- Reusable Storage Tote

60 standards-aligned lessons are built around the 7 different number routines listed below.

**Today's Number:** Students explore what they know about numbers by thinking about the number(s), the value, and the number's meaning in a variety of contexts.

**Ways to Make a Number:** Students explore the composition of numbers and develop an understanding of the numbers that are within other numbers

**Guess My Number:** Students model and manipulate numbers, discuss 1 more and 1 less than a number, or 10 more and 10 less than a number.

**Choral Counting:** Students practice skip-counting forwards and backwards.

**More or Less?** Students compare numbers and their values.

**What's Missing?** Students explore how numbers can be split into smaller parts by using MathLink® Cubes to solve problems around missing numbers.



# Let's Walk Through a Lesson!

## Unit 1 Lesson 6

### Tell Us Everything You Know About Five

<b>Objective</b>	Students will learn about many representations of the number 5.	Individual
<b>Routine</b>	Today's Number	
<b>Episode</b>	Five	
<b>Materials</b>	<input type="checkbox"/> Numberblock Five Demonstration Cubes <input type="checkbox"/> 5 blue MathLink® Cubes per student <input type="checkbox"/> paper (1 sheet per student) <input type="checkbox"/> crayons (several per student)	

5-minute Numberblocks episodes excite curiosity about the focus of the lesson.

QR codes bring you straight to the coordinating episode.

Introduce the activity by connecting the episode to the "big idea".

Wrap-up formative assessment questions help students build a deep understanding of number sense.

Student MathLink® Cubes are organized by color in stacks of 11 inside the tote.

Guided activities reinforce key mathematical concepts for each Number Routine.



#### Introduce the Routine

- **Ask:** *What Numberblock did we meet?* [Numberblock Five] Model Five using the demonstration cubes.
- **Ask:** *Which band members make 5?* [4 plus 1 makes 5.] *How can we show this with the cubes?* Use Five's demonstration cubes to model how 4 cubes plus 1 more make 5 altogether.
- **Ask:** *What objects were there 5 of?* [5 points on a star, 5 fingers on a high five, 5 members in the band, 5 fingers on a hand, 5 birds, 5 trees, 5 flowers, 5 bees, etc.]



#### Activity

- Have students work individually. Give each student 5 blue MathLink® Cubes, a piece of paper, and crayons.
- **Say:** *Draw a picture that shows 5 of something.* Students should draw objects that represent 5, such as 5 bees, 5 flowers, 5 points on a star, or 5 fingers on a traced hand.
- **Say:** *Can you place your cubes on your drawing to show 5?* Students can place their cubes on the attributes of their picture that demonstrate 5.



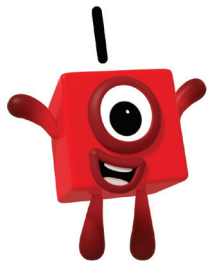
#### Wrap Up

- Bring students back as a whole group to share what they learned about the quantity 5. Ask for volunteers to show their drawings to help explain.
- As they share the ways they represented 5, display the drawings around the classroom.
- After several models have been shared, have the whole group raise their hand and say, "High five!"

Unit 1 • Lesson 6

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Watch the 5-minute Numberblocks episode, Introduce the Routine, Perform the Activity, and Wrap Up—all in 15 minutes!

[www.hand2mind.com/numberblock-routines](http://www.hand2mind.com/numberblock-routines)



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800.445.5985  
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