# Bridges in Mathematics Tech-Enhanced Activity for Seesaw

## Ten & Some More

This activity is based on The Math Learning Center's Tech-Enhanced Activities (TEAs), adapted from the Bridges in Mathematics Second Edition PK–5 math curriculum. This activity is designed to support Bridges Kindergarten, Unit 6, Module 3, <u>Session 1</u> and <u>Session 2</u> (login required). For standards alignment, refer to the Bridges sessions.

#### **Overview**

The work supports students' understanding of teen numbers as ten and some more ones. It focuses on number order and matching numerals to quantities.

	Students will:	Assets
Part 1	Order double ten-frame dot cards and explore teen numbers.	Double Ten-Frame Cards
Part 2	Match numerals to double ten-frame dot cards and use a series of clues to determine a mystery teen number, focusing on number order and comparisons.	Mystery Number
Part 3	Review facts about teen numbers and use clues to solve a series of mystery numbers.	More Mystery Numbers

#### Content notes:

- 1. The content of this TEA aligns with Sessions 1 and 2. Part 1 aligns with Session 1, steps 4–6, in which students order double ten-frame dot cards. Part 1 ends with Step 16 from Session 1, in which students identify a few numbers between 10 and 20.
- 2. Part 2 aligns with Session 1, steps 8–15. Students determine a mystery number after a series of clues. The mystery number activity appears twice in Part 2.
- 3. Part 3 aligns with Session 2, steps 4, and 9–12. Students do not write the series of teen numbers but eliminate both numerals and the double ten-frame cards based on clues, as in the session. The mystery number activity is repeated three times in Part 3.

## Part 1: Double Ten-Frame Cards [Seesaw]

Students order double ten-frame dot cards and explore teen numbers.

1. Choose your delivery method:

### If delivering asynchronously

- Students self-pace through the activity.
- Students work through each page with audio and visual support, ordering double ten-frame cards and answering questions about the cards.

#### If delivering synchronously

- Start a Zoom or Google Meet session.
- Open the activity and share your screen. Students do not yet need to open their copy.
- Facilitate a discussion about what students notice about the double ten-frame dot cards.
- Have students open their copy of the activity.
- Preview the remaining pages beginning with "Order the cards from least to greatest," ensuring the students understand how to order the cards.
- Invite students to complete the pages independently.

### Part 2: Mystery Number [Seesaw]

Students match numerals to double ten-frame dot cards and use a series of clues to determine a mystery teen number, focusing on number order and comparisons.

- 1. If facilitating synchronously, students will need a piece of paper and writing utensil during Part 2.
- 2. Choose your delivery method:

### If delivering asynchronously

- Students self-pace through the activity.
- Students work through each page with audio and visual support, finding the mystery numbers using clues.

### If delivering synchronously

- Start a Zoom or Google Meet session.
- Open the activity and share your screen. Students do not yet need to open their copy.
- Facilitate a discussion of teen numbers, focusing on the idea of teen numbers always including 10 and more.
- On the "Practice writing numbers 10 to 20" page, have students write the numbers from 10 to 20 on a separate sheet of paper. Invite them to share their work by holding up their papers to the camera.
- Complete the first round of mystery number with the students, inviting them to determine which numbers/cards to cover and which one, ultimately, to circle.
- Preview the last two pages and invite students to solve the additional mystery number problem independently.

### Part 3: More Mystery Numbers [Seesaw]

Students review facts about teen numbers and use clues to solve a series of mystery numbers.

1. Choose your delivery method:

#### If delivering asynchronously

- Students self-pace through the activity.
- Students work through each page with audio and visual support, finding the mystery numbers using clues.

#### If delivering synchronously

- Start a Zoom or Google Meet session.
- Open the activity and share your screen.
- Facilitate a discussion about each of the teen numbers. Invite students to count the dots in the bottom row of each double ten-frame dot card to determine how many more.
- Have students open their copy of the activity.
- Review the directions for solving the mystery number problems.
- Invite students to solve the additional mystery number problems independently.
- 2. As an extension, you can suggest that your students play <u>Ten & More Bingo</u> at home with a family member. This game offers additional practice with teen numbers.