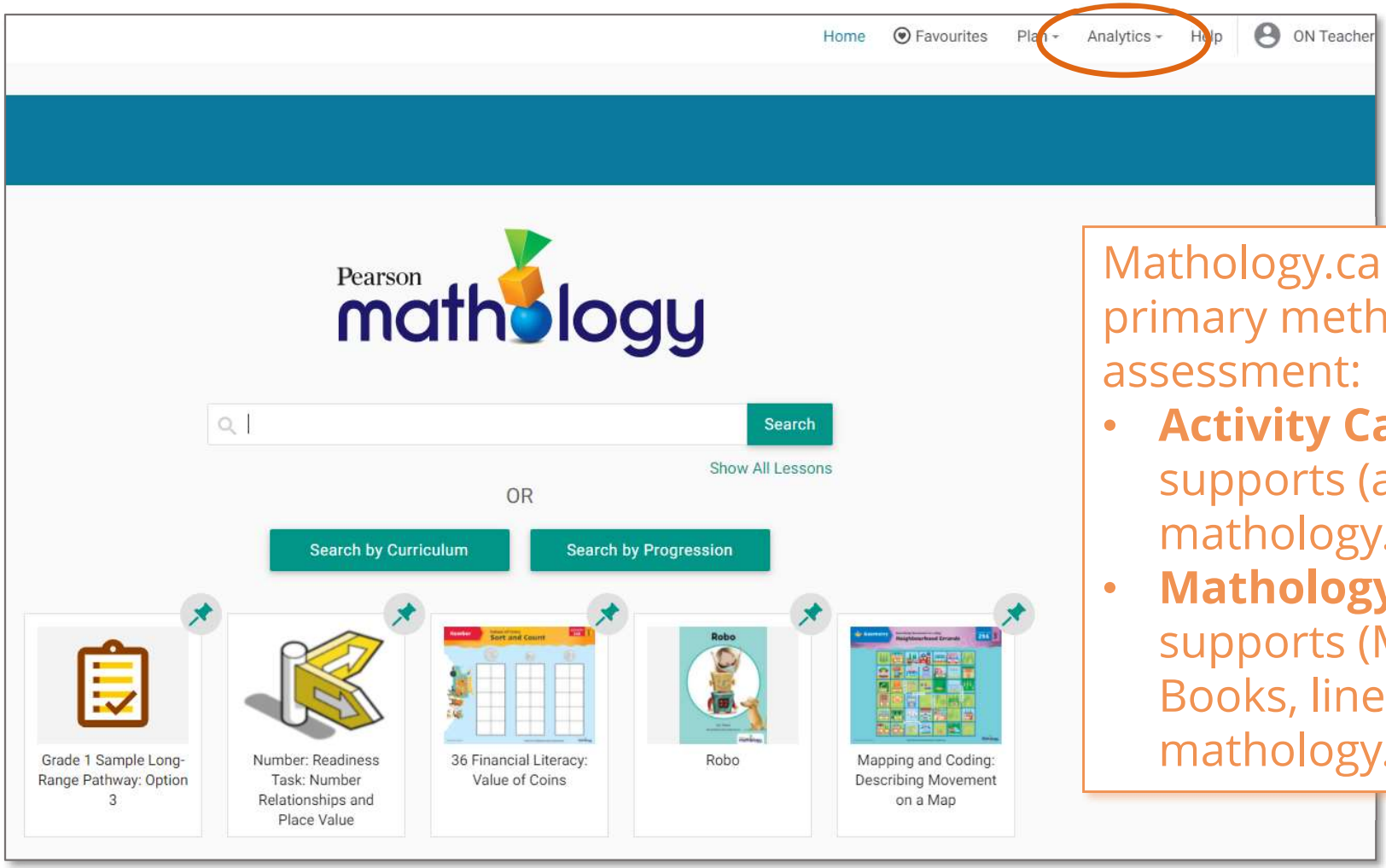
Using Assessment Supports

Analytics is a Teacher Tool to support assessment of student learning. Use of the tool is through Class or Student View. To use Class Analytics, click on **Analytics** then **Class Analytics** from the dropdown menu.



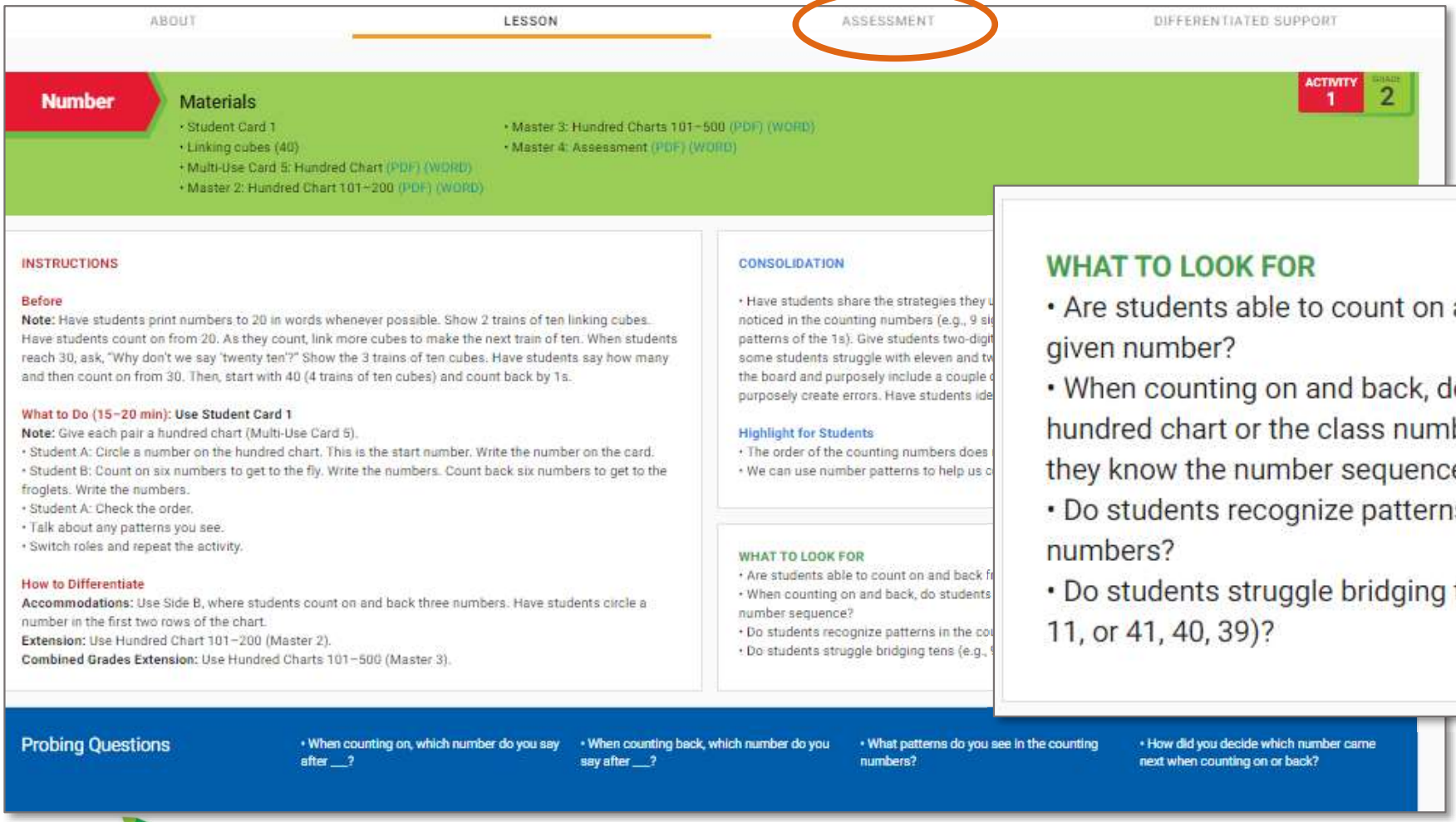
Mathology.ca includes two primary methods for assessment:

- **Activity Card** (lesson) supports (all material in mathology.ca)
- **Mathology Little Books** supports (Math Little Books, line masters in mathology.ca)

Using Assessment Supports

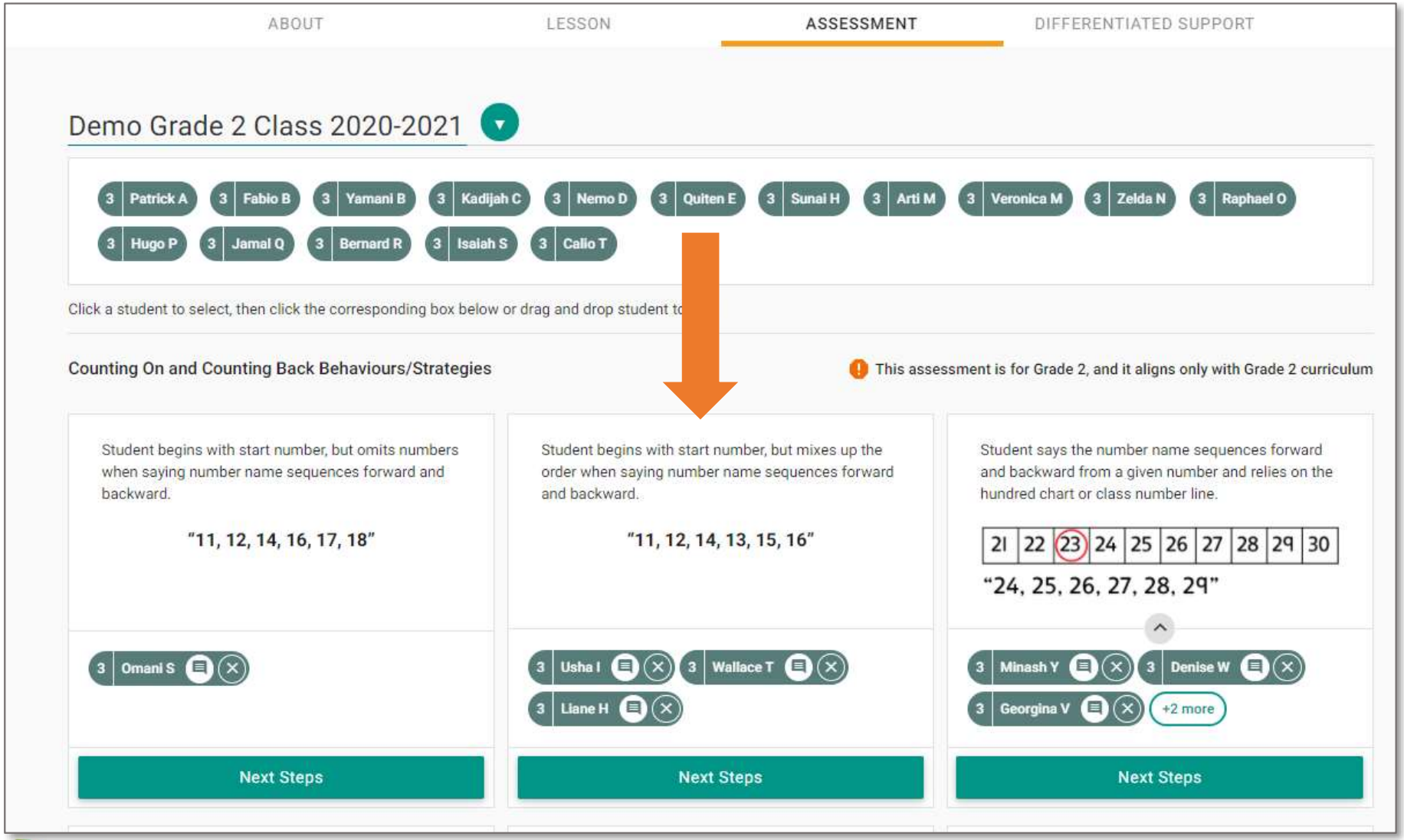
A. Activities (Lessons)

1. Use observational assessment suggestions (What to Look Fors) included on the front of each teacher card as you observe students completing an activity. Click the **Assessment** tab to record your observations.

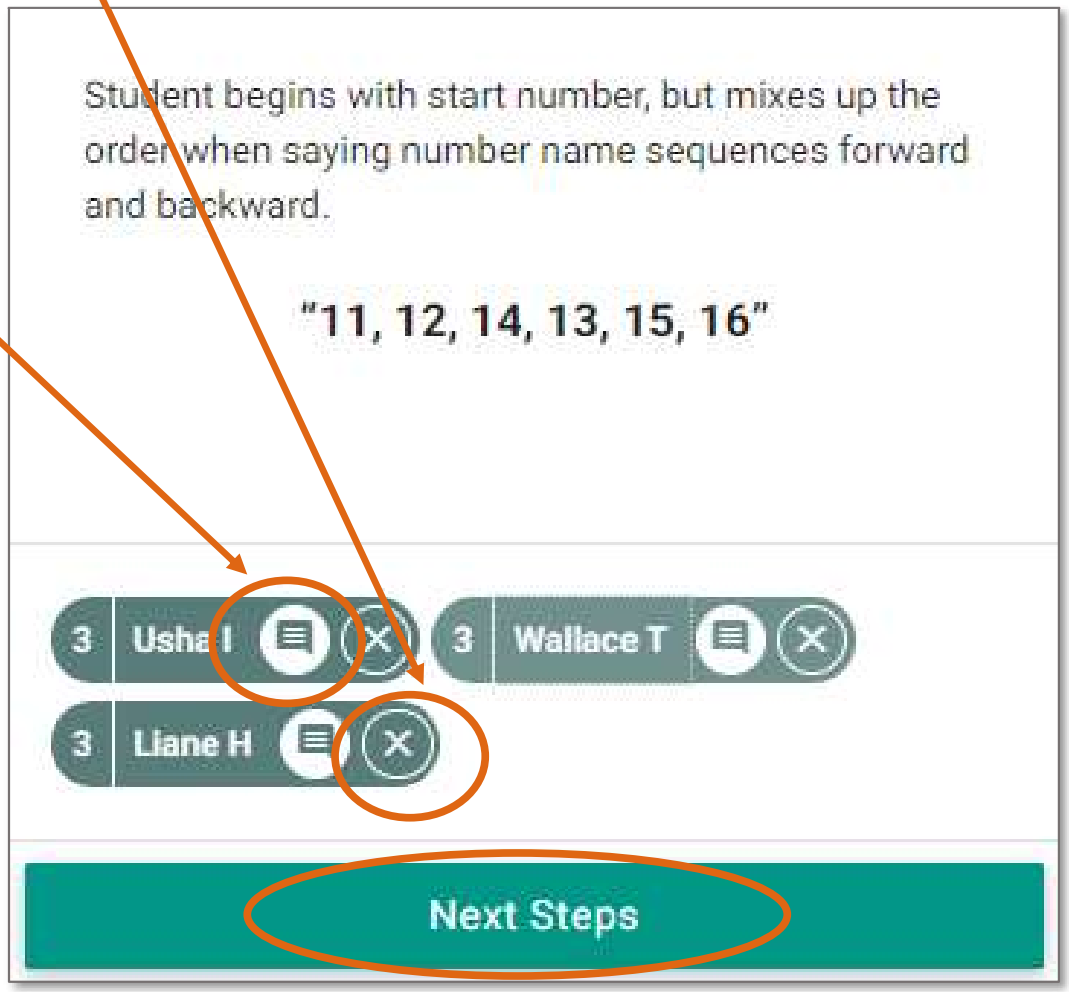


Using Assessment Supports

2. Drag and drop each student's name in the corresponding box. Each box summarizes behaviours and strategies along the Learning Progression.

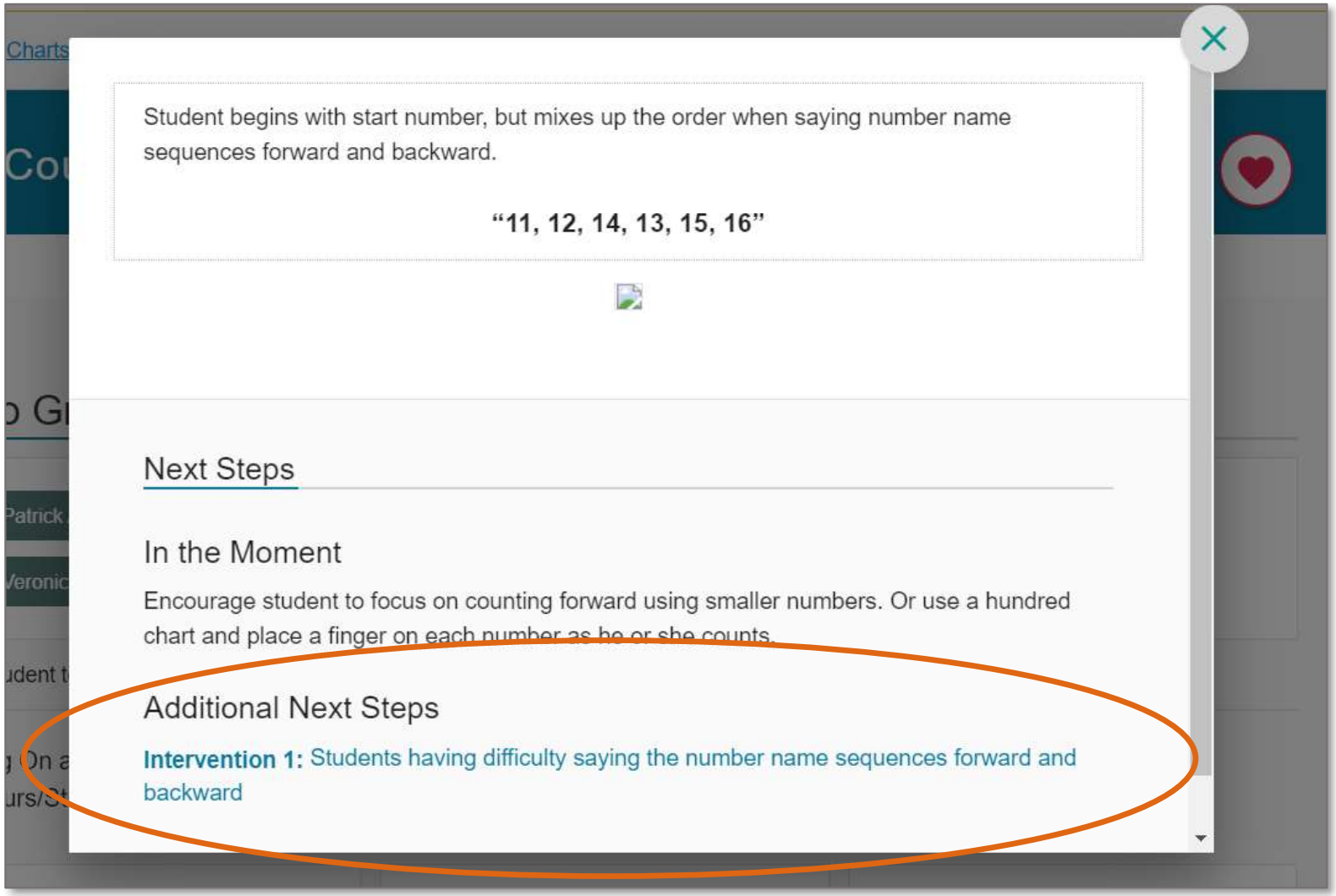


3. To record additional notes, click the **Comments** icon. To change a student's placement, click X. The student's name moves back to the top in your **Class**. Click Next Steps.



Using Assessment Supports

4. Short-term strategies are provided. For more in-depth next steps, click the link **Additional Next Steps**.



5. Intervention lessons display.

Intervention 1: Students having difficulty saying the number name sequences forward and backward

(small group)
Materials: Multi-Use Master 5: Hundre d Chart (PDF) (WORD)

Display the first two rows of a hundred chart. Together, start at 1 and count to 20, pointing to each number as it is said. Discuss any patterns students see in the counting sequence. Repeat the activity, starting with different numbers.

When students seem comfortable counting to 20, encourage them to use the patterns to count to greater numbers (e.g., 30, 40, 50, ..., 100).

It is important that students are very comfortable counting forward before you introduce counting backward. If students seem ready, have them use the hundred chart to count back from smaller numbers, such as 10 or 20.

Provide students with many opportunities to count forward and backward throughout the year.

Practice

(pairs)
Materials: Mini-Lessons Master 1: Number Chart to 30 (PDF) (WORD)
Scissors

Give each pair a pair of scissors and the first 2, 4, or 6 rows of the number chart (numbers to 10, 20, or 30), depending on their comfort level.

- Together, cut out the numbers.
- Player A: Mix up the order of the numbers.
- Player B: Arrange the numbers in order, starting with 1. Talk about how you ordered the numbers.
- Together, say the number sequence forward from 1, then backward from the greatest number.
- Switch roles and repeat.

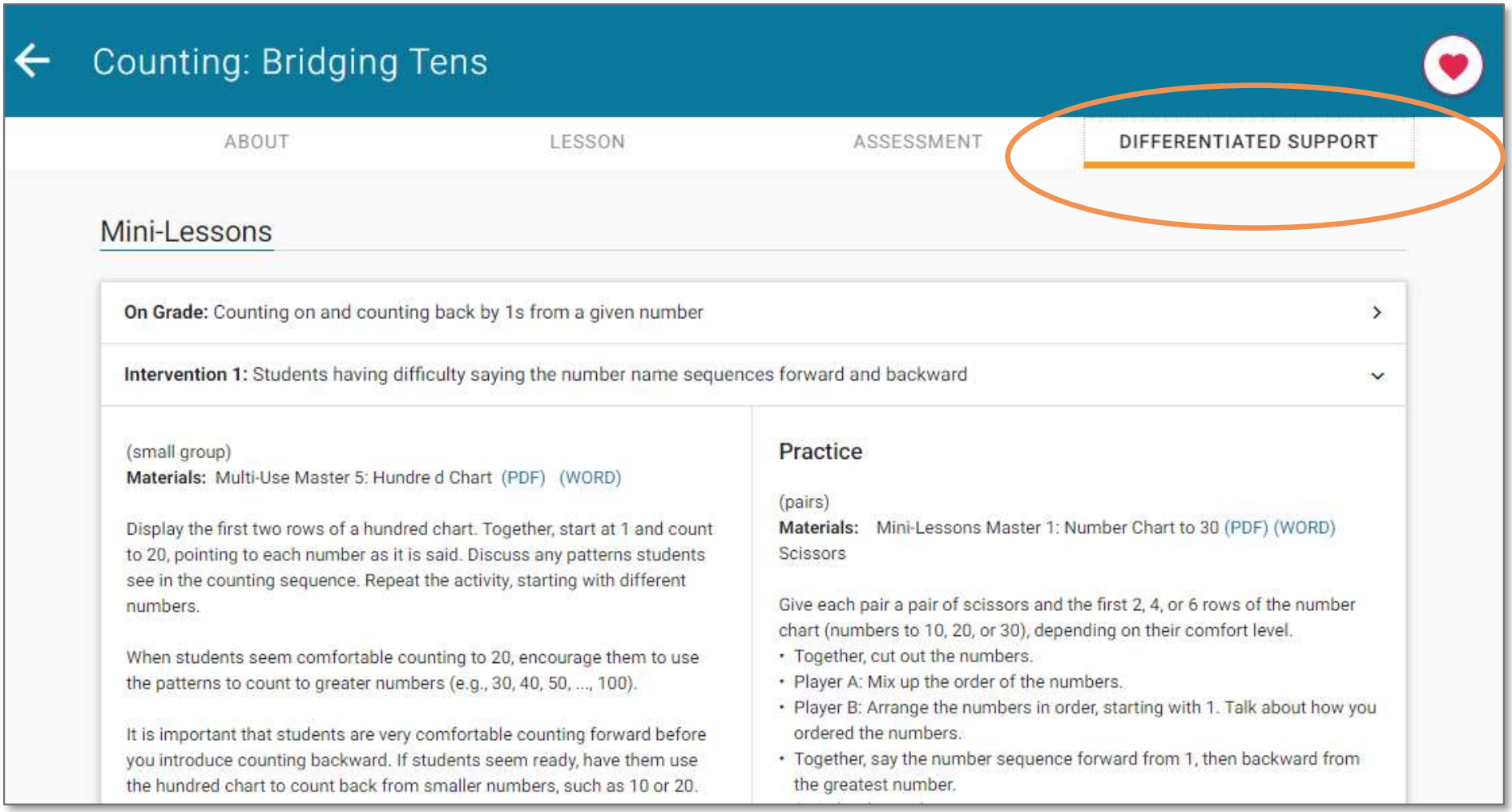
Intervention 2: Students having difficulty bridging tens

Extension: Students ready to count on and back to/from larger numbers

Possible Misconceptions

Student can write number sequence, but says 13 as threeteen, and 15 as fiveteen because 14 is fourteen and 16 is sixteen.

6. Click the **Differentiated** Support tab for related mini-lessons.



B. Mathology Little Books

1. Read or display the Math Little Book. Download the corresponding assessment line master in Word or PDF.

The Street Party

ABOUT | LESSON | DIFFERENTIATED SUPPORT

After Reading

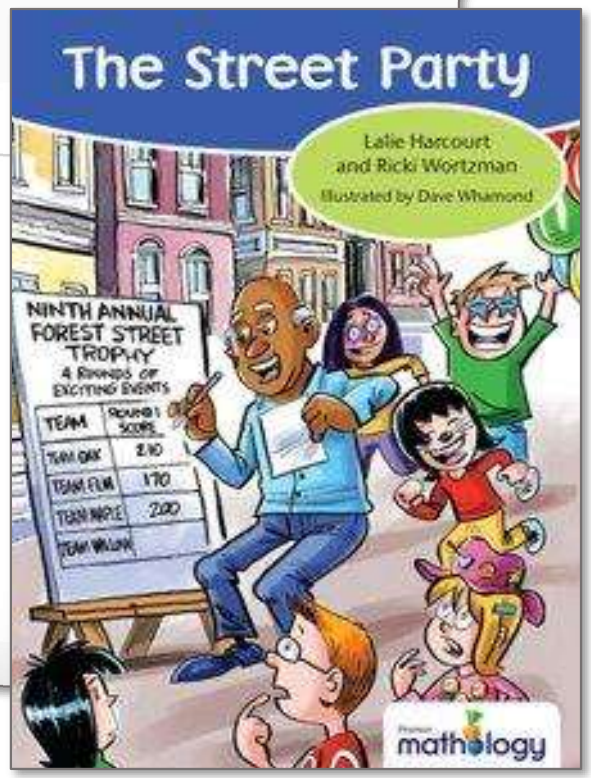
After reading, children can

- record scores on sticky notes and place them in sections on the Math Mat (see the inside back cover), identify the greatest/least score, and order the scores
- revisit the story to look for references to the neighbour, the dogs, and Claire
- choose their favourite game and survey the group to determine which game the group prefers

Additional Activity Options

Access the Teacher's Guide for more Activity Options (additional subscription required)
Link to Teacher's Guide

All *The Street Party* Line Masters (PDF) (Word)
Line Master 1: The Street Party (Assessment Master) (PDF) (Word)
Line Master 2: Connecting Home and School (PDF) (Word)
Line Master 3: *The Street Party* Math Mat (PDF) (Word)
Line Master 4: Target Game (PDF) (Word)
Line Master 5: Target Game Scoresheet (PDF) (Word)
Line Master 6: Roll to 1000 (PDF) (Word)
Line Master 7: Numeral Cards (PDF) (Word)
Line Master 8: Trophy Winners (PDF) (Word)
Line Master 9: Roll and Add (PDF) (Word)
Line Master 10: Flying Disk Gameboard (PDF) (Word)
Line Master 11: Solving Problems (PDF) (Word)



2. Use the Assessment line master included for each MLB. Alter in word as needed.

The Street Party

Line Master 1
(Assessment Master)

Name: _____

Add and Subtract to 1000	**Not observed**	**Sometimes**	**Consistently**
Estimates sums and differences			
Models and symbolizes addition and subtraction			
Develops mental and personal addition and subtraction strategies			
Compare and Order Numbers to 1000			
Compares quantities and numbers to 1000			
Orders three or more numbers			