

Bridges Breakout: Number Rack to Build Fluency - One-Pager

You would use this supplemental program to teach addition and subtraction facts to K-2 students.

From the webpage <https://www.mathlearningcenter.org/curriculum/bridges-breakout-number-rack> :

"The activities in the Bridges Breakout: Number Rack engage students with a math tool designed to empower them with a deep conceptual understanding of number and relationships fact fluency. Ultimately, the number rack also helps students' understanding of addition and subtraction fact fluency with meaning."

- *Develop a rich sense of numbers and parts of numbers*
- *Build intuitive, flexible and accurate computation strategies*
- *Make connections among related facts*

Kit includes:

- *Bridges Breakout: Number Rack book with 22 individual lessons*
- *10 student number racks*
- *22 task cards*
- *Ten-frame and double-ten-frame dot cards*

Table of Contents: https://www.mathlearningcenter.org/sites/default/files/pdfs/BBNR_Sample_TOC.pdf

Sample Lesson 3 from the site:

https://www.mathlearningcenter.org/sites/default/files/pdfs/BBNR_Sample_Lesson3.pdf

Corresponding Task Card for Lesson 3:

https://www.mathlearningcenter.org/sites/default/files/pdfs/BBNR_Sample_TaskCard3.pdf

Teacher Support Page:

<https://www.mathlearningcenter.org/curriculum/bridges-breakout-number-rack/teacher-support>

- Watch an introductory webinar
- Download student materials
 - Sentence frames, free download
 - Games for extension, free download
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- Link to the Number Rack app
 - And link to tutorial for it
- Access additional problems and strategies
 - Problem Types
 - Fact Strategies
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- Download assessment resources
 - Trends Tool - you will be forced to make a copy. [My copy](#) I made.
 - [Seven-page doc](#) on how to use the Tool.

There is a grant opportunity available as of November, 2024:

<https://www.maiermathfoundation.org/Portfolio/MaterialsGrants>