



Grade 1 Quick Start Guide

This guide will help you unpack and organize your materials, access additional resources, and prepare to teach Bridges.

What's in the boxes

The Bridges classroom kit comes packed in four boxes — Box 1 and 2 for Bridges, and Box 1 and 2 for Number Corner. Each box includes a package contents sheet you can use to check off items as you unpack.

What you'll need

There are many ways to organize your materials. Begin with the recommendations here, and refine your system throughout the school year to better meet the unique circumstances of your classroom.

You'll want to have the following materials on hand:

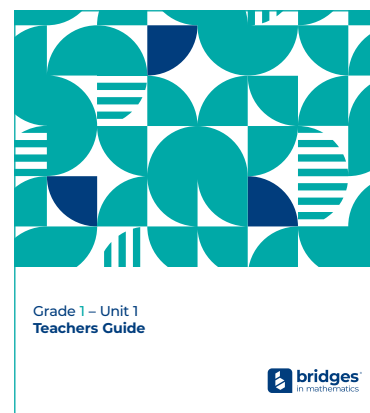
- Container or drawer for Bridges mats, game boards, cards, and spinners
- Container or drawer for Number Corner materials
- Six containers large enough to hold $8\frac{1}{2}'' \times 11''$ game boards (for Work Places)
- Container to hold coins, dice, game markers, bean counters, and spinner overlays
- Six containers, one each for pattern blocks*, Unifix cubes*, polydrons, geoboards, and each type of dominoes
- Quart-size and smaller ziptop bags for card decks and small manipulatives

* Required but not included in kit (RNI). A complete list of classroom materials is available at the Bridges Educator Site.

Box 1 Bridges printed materials

Teachers Guides

The Bridges Teachers Guides are divided into eight units of instruction, each of which contains twenty sessions of lesson plans with copies of print originals, student book pages, and Home Connections (homework assignments). Tabbed dividers are included for each unit.



Printed Bridges Components

You'll need access to these materials throughout the year. Store them where you can easily retrieve them when needed.



Kit materials may differ from those shown.

- | | |
|---|---|
| 1 Card decks | 6 3-D Shape display cards |
| 2 Game boards (Sort the Sum, Double It, Near Doubles, Tower Race, Frog Path) | 7 Single-spinner spinners |
| 3 Last Shape In Wins game boards | 8 Frog Jump and Super Frogs game boards |
| 4 Spin & Subtract spinners | 9 Super Frogs spinners |
| 5 Spin & Add spinners | 10 2-D Shape cards and Shape Attribute cards |

Box 2 Bridges manipulatives

Box 2 of your kit contains the math manipulatives, pocket charts, and game items needed only in Bridges activities and lessons.

- Store the large **number rack** in a convenient place. You'll use it for the first time in Unit 1.
- Keep the (unassembled) student number rack kits handy. Students will assemble them in an activity in Unit 1, Module 2.

Schools may purchase additional student number rack kits from MLC (item #RRNRS10). Consider sending your students on to Grade 2 with their own number racks so they can reuse them next year.

- Store **polydrons** in one container, **geoboards** in another, and the **dominoes** in two more.
- Store the **portion cups** with your classroom supplies.
- Store these items where you and students can access them:
 - **Plastic coins** (sort the coins by type, and put back into the plastic bags)
 - **Game markers** and **bean counters** (put in ziptop bags or small lidded containers)
 - **Spinner overlays** and **dice** (dotted 1–6, numbered 1–6, and numbered 0–5)



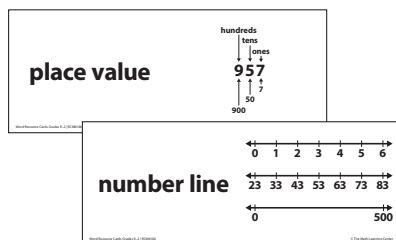
Kit materials may differ from those shown.

- | | | |
|------------------------------------|--|----------------------------|
| 1 Demonstration number rack | 5 Student number rack kits | 9 Bean counters |
| 2 Geoboards and geobands | 6 1-ounce portion cups | 10 Spinner overlays |
| 3 Double-nine dominoes | 7 Polydrons (square and triangular) | 11 Plastic coins |
| 4 Double-six dominoes | 8 Game markers | 12 Dice |

Box 1 Number Corner printed materials

Teachers Guides

The Number Corner Teachers Guides are divided into three volumes, each of which contains three months of instruction with copies of print originals and student book pages. Tabbed dividers are included for each volume.



Word Resource Cards

You'll use these cards to enhance your students' math vocabulary development in context throughout the year. Use the alphabetical tabs to sort the cards, and store the box of cards in your bookcase or cabinet.



Printed Number Corner Components

You'll need access to these materials throughout the year. Store them where you can easily retrieve them when needed.



Kit materials may differ from those shown.

- | | |
|---|---------------------------------------|
| 1 Calendar markers | 5 Work mats and 120 Chart |
| 2 Display cards | 6 Number Corner display charts |
| 3 Calendar Grid and Calendar Collector Titles and Labels | 7 10-Frame Dot cards |
| 4 Number Path cards and covers | 8 Hour/half-hour display cards |
| | 9 Spinners |

Box 2 Number Corner manipulatives

Number Corner Box 2 contains math manipulatives and pocket charts.

- Store the **geoblocks** in a small tub or box.
- Store the **geoboards**, **craft sticks**, **adding machine tape**, and **mystery container** with your classroom supplies.
- Post the three **pocket charts** in your Number Corner display area.
- Post the **Magic Wall** in your Number Corner area and store the **magnetic tiles** nearby.
- Add the **dice**, **plastic coins**, and **spinner overlay** to those from your Bridges kit.



Kit materials may differ from those shown.

- | | |
|--|------------------------------------|
| 1 Calendar Grid pocket chart | 8 Mystery container |
| 2 Craft sticks | 9 Spinner overlay |
| 3 Geoblocks | 10 Geoboards and geobands |
| 4 Calendar Collector pocket chart | 11 Number Path pocket chart |
| 5 Magnetic tiles | 12 Plastic coins |
| 6 Magic Wall | 13 Dice |
| 7 Adding machine tape | 14 Spinner overlay |

Preview Bridges Unit 1

Unit 1 | Module 1

Unit 1

Module 1

Session 1

Session 1

Helping Hands

Summary

Establishing a mathematical community starts with the class estimating and counting the number of students in the classroom. Students make name cards that are used in these early sessions for counting and Work Place choice. They share observations and questions about a picture of helping hands. Then, the teacher introduces the first four Work Places.

Module 1 Learning Goals

Students make connections among counting, number, and their classroom community.

- Students estimate and count the number of students in the classroom.
- Students represent data about their classroom using a picture graph.
- Students connect numbers in a quilt to counting by 5s.

Materials

Warm-Up: How Many Students Are in Our Class?

- **Materials:** 12" x 7" index card or a piece of paper cut to size (see list)
- markers or crayons (see list)

Problems & Investigations: Making Helping Hands

- **Counters & Display:** **PO-P1** Pattern Cards

Problems & Investigations: Introducing Work Places 1A: Unifix Cubes, 1B: Pattern Cards & C, Numbered

- **Counters & Display:**
 - **PO-P2-P6:** Work Place 1B: Area Models
 - **PO-P3-P6:** Work Place 1C: Grids
 - **PO-P7-P8:** Work Place 1A: Grids & 10-Frame
 - **PO-P9-P4:** Pattern Block Paper
 - **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

- **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

- **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

- **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

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- **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

- **PO-P5-P6:** Work Place 1A: Grids & 10-Frame

Vocabulary

"We're becoming confident and

counting"

estimate"

Bridge21 Third Edition Grade 1 Teacher Guide

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Preview September Number Corner

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September

| Weekends

September

Calendar

Number Corner September

Workouts

Overview

The worksheets in the first month of school focus on counting and recognizing numbers. From 1 to 30, with a special emphasis on understanding the relationship between tens and ones and some more. Students can easily write any of the results this month that will help them work on pages 1, 2, 5, and 10. Students learn the concept of counting, that is, finding 10 items from a single card and using it.

Options & Display

- ☐ **Use the Number Explorer** Use to review the Interactive Display Materials for the month of Number Corner. Decide whether you wish to use digital materials for display or copies of print and student handout pages.
- ☐ **Additional resources** Use the Number Corner Student Books, one for each of pages 1–5.
- ☐ **If students are unavailable**, including printable sets of all the questions for each September worksheet, are available on the Number Explorer Site.

Teaching Tips

Plan to spend more time on the Number Explorer worksheets as you establish procedures that ensure Number Corner activities are done. Give extra opportunities for moving between work pages and the Number Corner Information area, printing up and posting any materials, and responding to an another's Working request.

There are 20 days of Number Corner activities in September, but you may have more work time. Before you get started, think about what you will do and plan how you might shift the time you teach more worksheets to school days.

On Your Own Display

A standard Calendar Calendar Days 1, 10, and 15 for the last school day of the week you can count the collection at the end of each week. Looking at the Working Collection. You can do this on the last day of the month. You can also use the Working Collection (the calendar structure 1–31, months are made of weeks, weeks have a beginning and an end and school weeks are separated by weekends. Counting something two parallel weeks into one week of the need area.

Count the Number Corner 10, 20 and 30 days and 20th days of the week, if possible, as both of these calendar Decade Days.

Notes that you might want to use the worksheets for the 10th anniversary that the Calendar Collection worksheet is scheduled on the last day of the week and the Number Corner worksheet is scheduled on the 10th day of school.

Other Considerations

First grade gives early developing attention in the Calendar Grid worksheet. Allow time for students to discuss the patterns they see.

When introducing the Days of School, review the 10th day of the week in the School year, rather than 10th factor. Make sure you have a clear understanding of this with the worksheet during the first couple of months in trying to determine the total number of days in the year.

Number Corner Third Edition Grade 3 Teacher Guide

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Check out the **September Daily Planner** and **Sample Display**. These introductory materials with each month of Number Corner will help you prepare your schedule and materials ahead of time.

Next, read the **Workouts** section for information about the math content in this month's activities, an overview of each of the five workouts for the month, and more details about materials preparation.

Preview the Assessment Guide

Unit 1 | Module 1 | Session 5: class set, plus a page for display

NAME _____

DATE _____

Unit 1 Screener page 2 of 2

I can make 5.

4 Count the dots on each domino. Add more dots to make 5 dots in all.

I can make 10.

5 Count the dots on the top of each domino. Write a number in the top square to tell how many there are. Then draw enough dots on the bottom to make a total of 10. Write a number in the bottom square to tell how many you drew.

a

b

c

I can show my thinking.

6 There were 5 dominoes on the table. Then 2 of the dominoes fell on the floor. How many dominoes were left on the table? Show your thinking.

_____ dominoes

Briggs Third Edition Grade 1 Assessment Guide

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Unit 1 | Module 2 | Session 5 *dots not plus* *expten for display*

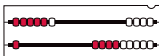
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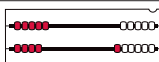
 **Addition Within 10 Checkpoint**

What number does each number rack show? Show how you saw the beads.


Practice



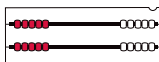
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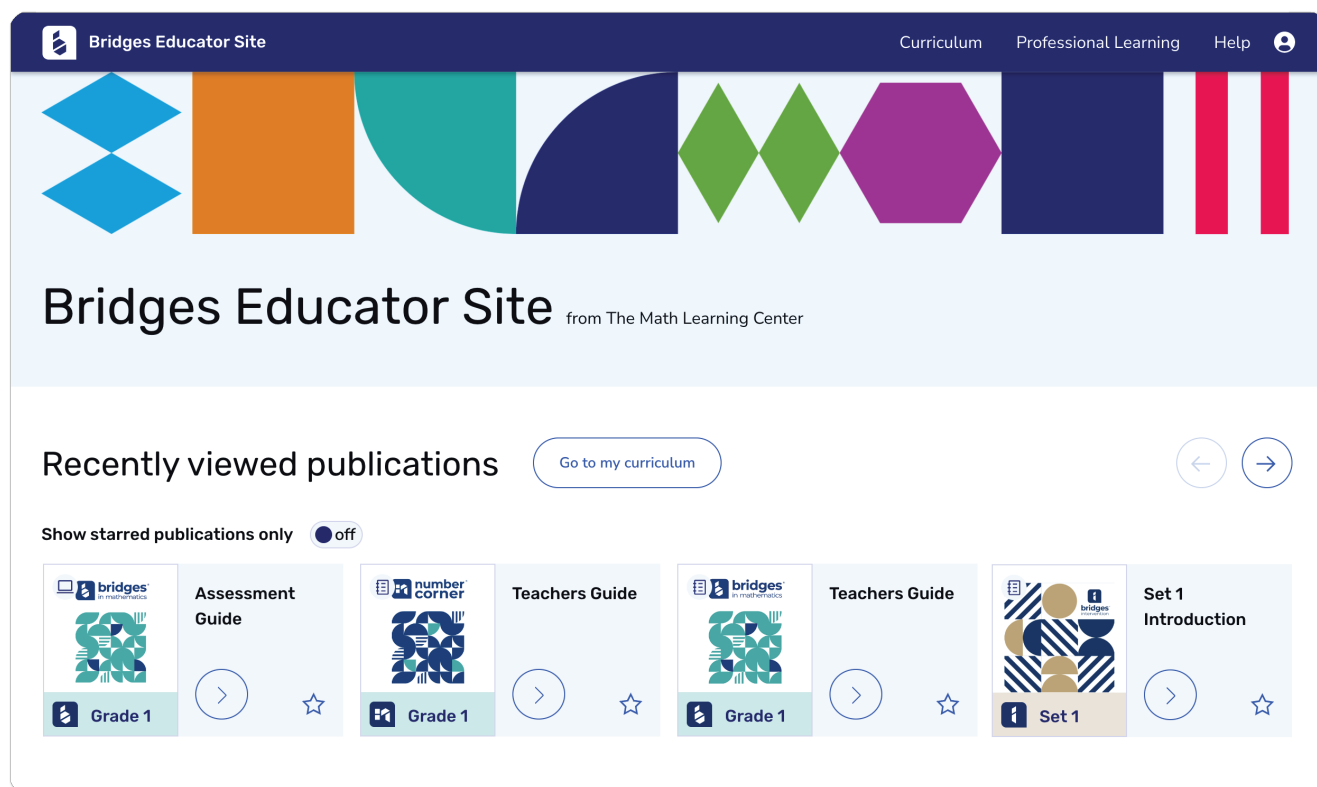
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Visit the Bridges Educator Site at teach.mathlearningcenter.org and navigate to your curriculum materials. Find the **Assessment Guide**, and read the introduction. Here you'll find information about observational, formative, and summative assessment in Bridges.

Next, take a look at the **Bridges Unit 1 Assessments** section of the guide. Here you'll find summary and scoring information for the assessment opportunities included in Unit 1, as well as answer keys and print originals for each assessment.

The Bridges Educator Site



Bridges Educator Site from The Math Learning Center

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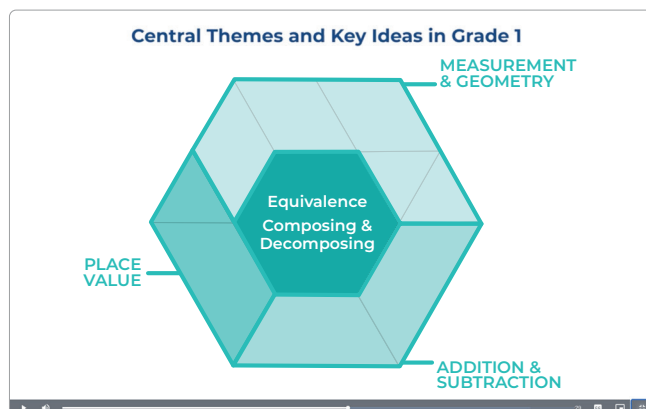
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Assessment Guide Grade 1

Teachers Guide Grade 1

Teachers Guide Grade 1

Set 1 Introduction Set 1



teach.mathlearningcenter.org

The Bridges Educator Site is your source for interactive display materials, Work Place games students can play on tablets and computers, printable files, implementation and preparation guidance, the Bridges Assessment Guide, and more.

Access to the Bridges Educator Site is included with the purchase of a Bridges or Number Corner kit. Your school or district account administrator can provide you with registration information.

For more assistance getting started with Bridges or the Bridges Educator Site, contact plsupport@mathlearningcenter.org.