



## Grade 2 Quick Start Guide

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

**Note: If you have the full Bridges in Mathematics program (4 boxes), please see the Bridges Quick Start Guide included with your Bridges materials.**

### What's in the boxes

The Number Corner classroom kit comes packed in two boxes, one for printed materials and Teachers Guides and another for math manipulatives and pocket charts. Each box has 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:

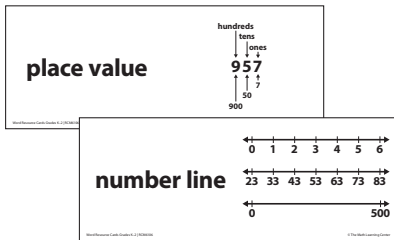
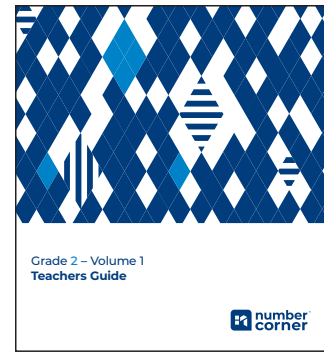
- Box or drawer for display materials (calendar markers, pocket charts, and display cards)
- Box or tub to hold zip-top bags of money value pieces, dice, game markers, card decks, and spinner overlays
- Tubs for your colored tiles, pattern blocks\*, and Unifix cubes\*

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

# 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. Keep them in their labeled bags and store them where you can easily retrieve them when needed.



Kit materials may differ from those shown.

- |   |                          |  |
|---|--------------------------|--|
| <b>1</b> Calendar markers   | <b>3</b> Card decks      | <b>7</b> Number line segments          |
| <b>2</b> Greater Than or Less Than, 10-Frame, and 3-D Shape display cards | <b>4</b> Work mats       | <b>8</b> Double 10-Frame display cards |
| <b>5</b> Display clocks   | <b>6</b> Calendar titles | <b>9</b> Measure & Compare cards       |

## Box 2 Number Corner manipulatives

Number Corner Box 2 contains math manipulatives and pocket charts.

- Store the **colored tiles** in a tub.
- Store the **geoblocks**, **craft sticks**, **adding machine tape**, and **mystery container** with your classroom supplies.
- Post the two **pocket charts** in your Number Corner display area.
- Post the **Magic Wall** in your Number Corner area and keep the **magnetic tiles** nearby.



- |                                     |                            |  |
|-------------------------------------|----------------------------|--|
| <b>1</b> Base Ten pocket chart      | <b>6</b> Colored tiles     | <b>12</b> Dice                         |
| <b>2</b> Calendar Grid pocket chart | <b>7</b> Mystery container | <b>13</b> Spinner overlay              |
| <b>3</b> Magic Wall                 | <b>8</b> Game markers      | <b>14</b> Large base ten number pieces |
| <b>4</b> Adding machine tape        | <b>9</b> Geoblocks         | <b>15</b> Measuring tapes              |
| <b>5</b> Craft sticks               | <b>10</b> Student clocks   | <b>16</b> Money value pieces           |
|                                     | <b>11</b> Magnetic tiles   |  |

# Preparing to teach

Take some time to assemble your Teachers Guides. Place each volume of Number Corner in the appropriate three-ring binder, and insert the tabbed dividers in the appropriate locations.

Set aside some time to read the **Program Introduction**. This grade-level overview, located at the beginning of Volume 1, introduces the components and structure of the program.

## Preview September Number Corner

Day	Page	Date	Activities	Updates
Day 1	27		Calendar-Grid: Introducing the Calendar Markers	
Day 2	28		Calendar-Collector: Introducing the Calendar-Collector	CC
Day 3	31		Calendar-Grid: Writing Equations to Match	CC
Day 4	35		Daily Rectangle: Introducing Odd & Even Numbers	
Day 5	35		Calendar-Collector: Updating the Collection	CC
Day 6	35		Daily Rectangle: Center Point	
Day 7	35		Compositional Fluency: Adding & Subtracting 0 & 1	CC, CC, DR
Day 8	43		Calendar-Grid: Writing Equations to Match	CC, DR
Day 9	43		Number Line: Introducing Three Number Lines	
Day 10	47		Calendar-Grid: Filling in the Observations Chart & Looking for Patterns	CC, DR, NL
Day 11	49		Calendar-Collector: Updating the Collection	CC, DR, NL
Day 12	51		Calendar-Grid: Filling in the Observations Chart & Looking for Patterns	CC, DR, NL
Day 13	51		Calendar-Collector: Updating the Collection	CC, DR, NL
Day 14	55		Daily Rectangle: Odd or Even?	CC, CC
Day 15	56		Number Line: Introducing the Century	
Day 16	59		Calendar-Collector: Solving Problems Situations	DR, NL
Day 17	60		Calendar-Collector: Updating the Collection	
Day 18	61		Calendar-Grid: Filling in the Observations Chart & Looking for Patterns	CC, NL
Day 19	61		Calendar-Collector: Completing the Odd & Even Numbers Page	CC, NL
Day 20	61		Calendar-Collector: Switching to the PM Clock	CC, NL
Day 21	64		Daily Rectangle: Picturing Odd & Even	
Day 22	68		Compositional Fluency: Counting on the Commutative Property	CC, CC, DR, NL
Day 23	69		Calendar-Collector: Solving Problems Situations	CC, DR
Day 24	70		Number Line: Counting Up to 100 & Back by 10s	
Day 25	73		Calendar-Grid: Solving Problems Situations	DR, NL
Day 26	74		Calendar-Collector: 2's Three Somethings	
Day 27	77		Calendar-Grid: Solving Problems Situations	CC, DR, NL
Day 28	79		Daily Rectangle: Completing the Odd & Even Numbers Review Pages	CC, CC, NL
Day 29	81		Compositional Fluency: The Count Back Game	CC, CC, DR, NL
Day 30	81		Calendar-Collector: Filling in the Observations Chart & Looking for Patterns	CC, DR
Day 31	85		Number Line: Celebrating the Seasonal Century	

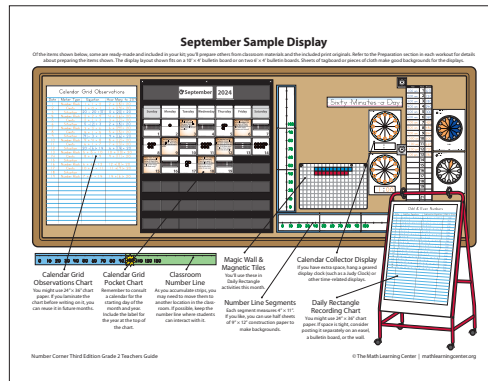
**Updates**  
On days when Calendar-Grid, Calendar-Collector, Daily Rectangle, and Number Line are not a scheduled workload, students help set up their desks. Summaries of the updates appear below, and the Update Boxes section for details.

**Calendar-Grid** Post the day's marker and record the date on the whiteboard.

**Calendar-Collector** Address the calendar before the Calendar-Collector is used to record the date. Color in the date on the A.M. Clock or P.M. Clock, and fill in the corresponding time on the recording strip. On Day 20 or the last day of the month, if 24 hours have not been collected, update the recording strip through 24 hours.

**Daily Rectangle** Add enough tiles to match the date, and arrange the tiles into two rows by color. Write a matching addition or subtraction equation on the recording strip, and label whether the number is odd or even.

**Number Line** Write the next multiple of 10 on the classroom number line.



### Introducing Grade 2 Number Corner

**Welcome to Number Corner!**  
Number Corner is a program of skills practice and repeated encounters with broad mathematical concepts. Number Corner features daily 20-minute workbooks that introduce, reinforce, and extend skills and concepts related to each grade level. Number Corner is an essential component of the Bridges in Mathematics curriculum, but it can be used to complement any K-5 program, providing students and teachers with opportunities to apply skills in new settings and intriguing contexts.

**Guiding Principles**  
Number Corner is grounded in The Math Learning Center's principles and beliefs about teaching and learning.

**We believe ...**

- Mathematics is an enjoyable human endeavor through which we make sense of our world.
- Learning mathematics is simultaneously an individual and a social activity.
- In its thoughtful interactions with tasks, tools, and others that students make sense of mathematical concepts.
- Every student is capable of doing and making sense of mathematics.
- Deep mathematical understanding is empowering.

**Number Corner teachers ...**

- Incorporate effective and equitable teaching practices into their daily instruction.
- Create a safe learning environment in which students are responsible for their own learning.
- Promote discourse, draw out student thinking, and embed assessment in their instruction through deliberate writing and purposeful questioning.
- Honor and build upon children's prior experiences with mathematics, both in and out of the classroom.
- Create a visually rich mathematics classroom with the Number Corner display, anchor charts, and artifacts of students' learning.

**Number Corner students ...**

- Develop competence and confidence as learners and doers of mathematics.
- Solve problems using multiplicative and division models.
- Look for patterns, make and test conjectures, and develop mathematical generalizations.
- Share their discoveries, strategies, observations, and solutions with the classroom community.
- Talk and move around the classroom as they actively engage in learning.

**Number Corner administrators ...**

- Ensure 20 minutes each day for Number Corner.
- Designate prep time and resources, especially in the first year, for professional learning and collaboration.
- Allocate funds for required items not included as well as for copying needs.
- Support teachers in using the instructional materials to ways that are responsive to their students' strengths and needs.
- Recognize that daily learning also takes place over time in lively classrooms that provide varied experiences with mathematical concepts.

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### September | Workouts

#### Number Corner September Workouts

**Overview**  
The workouts in the first month of school focus on a variety of basic skills. These include addition and subtraction fact strategies and problem situations to 20, odd and even numbers, time to the hour, analog and digital clocks, and counting by 10s to 100.

**Goals & Display**

- Visit the Bridges Educator Site to review the Interactive Display Materials for this month of Number Corner. Decide whether you will use digital materials for display or copies of print originals and student book pages. Make copies as needed.
- If students do not have Number Corner Student Books, run a class set of pages 1-12.
- Additional resources, including printable sets of key questions for each September workout, are available on the Bridges Educator Site.

**Teaching Tips**

Plan to spend more time on the Number Corner workouts this month. Establish procedures that ensure Number Corner runs smoothly all year, such as:

- Moving quietly between tables and the Number Corner discussion area
- Picking up and putting away materials
- Responding to one another's thinking respectfully
- Using peer-sharing effectively

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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 the Calendar Grid pattern, and more details about materials preparation.

## Visit [teach.mathlearningcenter.org](http://teach.mathlearningcenter.org)

The Bridges Educator Site is your source for downloadable files for printing, interactive display materials you can use with a computer and projector or whiteboard, implementation and preparation guidance, and other resources you can use to support and extend your instruction.

Access to the site is included with the purchase of a Number Corner kit. Your school or district account administrator can provide you with registration information. If you need more assistance getting started, contact [teach-support@mathlearningcenter.org](mailto:teach-support@mathlearningcenter.org).