Grade 1
Summer Guidance

How to Use This Document

Schools and districts provide extended summer learning opportunities for students in a variety of formats. The Math Learning Center has developed this summer guidance to provide flexible options for instructional planning. Each document includes a curated list of tasks, sessions, and resources aligned to the grade-level content recommendations from the Common Core State Standards identified critical areas and the Student Achievement Partners (Achieve the Core) focus documents. In addition, a planning template with sample plans can be found here.

Grade 1 Critical Content

From CCSS

(1) Develop understanding of addition, subtraction, and strategies for addition and subtraction within 20
(2) Develop understanding of whole number relationships and place value, including grouping in tens and ones
(3) Develop understanding of linear measurement and measuring lengths as iterating length units
(4) Reason about attributes of, and composing and decomposing geometric shapes

Grade 1 Major Clusters

From Achieve the Core

1.OA.A Represent and solve problems involving addition and subtraction
1.OA.B Understand and apply properties of operations and the relationship between addition and subtraction
1.OA.C Add and subtract within 20
1.OA.D Work with addition and subtraction equations
1.NBT.A Extend the counting sequence
1.NBT.B Understand place value
1.NBT.C Use place value understanding and properties of operations to add and subtract
1.MD.A Measure lengths indirectly and by iterating length units

Fluency Expectation:

1.OA.C.6 Add/subtract within 10

Suggested Bridges Materials

Familiar Bridges in Mathematics resources can be used flexibly to support summer learning. Grade-level recommendations include suggested activities for each of the following components.

Math at Home (10 minutes/day)
Using familiar routines and designed for flexible use by students, families, and teachers, Math at Home activities can be used as daily warmups to establish a positive classroom culture and support social and emotional learning. Resources include printable pages and sample responses for reference for most activities.

Bridges Intervention (30 minutes/day)
Organized by content, Bridges Intervention volumes are designed for explicit, small-group instruction and address critical numeracy and computation skills. Each session includes a warmup, an activity, and a guided practice page with progress monitoring conducted every fifth session. Activities might also be selected as needed to support students who require work with particular skills or concepts.

Work Places (20–30 minutes/day)
Work Place activities engage students in differentiated practice with key skills. They can be introduced in whole- or small-group settings and used at work stations. To focus on specific standards, refer to the Grade 1 Work Place CCSS Correlations. Use support and challenge suggestions from the Work Place Guide and assign game variations from the Work Place Instructions to further individualize instruction. Work Place materials (with student materials in English and Spanish) are available on the Curriculum tab of the Bridges Educator Site.

Bridges in Mathematics Unit 8 (60 minutes/day)
In Grade 1, Unit 8 is a STEM-based unit that can be used for a thematic approach to summer learning. The 20 one-hour sessions may be offered as an extension program that focuses on grade level content and may be combined with focused small-group work for students requiring additional support.

Bridges® in Mathematics Grade 1 Summer Guidance

Grade 1 Summer Learning Resources

Math at Home	Bridges Intervention	Work Places CCSS Correlations
Adding & Subtracting Within 20 (1.OA.C)		

Math at Home	Bridges Intervention	Work Places
Math in Our World • Pom-Poms • The Shoe Rack • Two Little Libraries Same & Different • Missing Number • Crazy Caterpillars Today's Number • 15 • 12 • 20 What Comes Next? • Cool Beans Which One Doesn't Belong? • Different Dominoes • Our Favorite Shapes Guess My Rule • Equation Sort	Volume 1 Counting: Number & Early Place Value, Modules 1–6 • CCSS Correlations • Tech Activities • Writable PDFs Volume 2 Basic Addition & Subtraction, Modules 1–10 • CCSS Correlations • Tech Resources • Writable PDFs Volume 4 Addition & Subtraction Word Problems, Modules 1–6 • CCSS Correlations • Tech Resources • Writable PDFs	2B Domino Add & Compare • Guides & Instructions • Record Sheets & Game Boards • Student Work Place • Sentence Frames 2C Sort the Sum • Guides & Instructions • Record Sheets & Game Boards • Student Work Place • Sentence Frames 2D Double It • Guides & Instructions • Record Sheets & Game Boards • Student Work Place • Sentence Frames 2E Spin & Add • Guides & Instructions • Record Sheets & Spinners • Student Work Place • Sentence Frames 2F Spin & Subtract • Guides & Instructions • Record Sheets & Spinners • Student Work Place • Sentence Frames 3B Make the Sum • Guides & Instructions • Student Work Place • Sentence Frames 3C Doubles Plus or Minus One • Guides & Instructions • Student Work Place • Sentence Frames 3D Tower Race • Guides & Instructions • Record Sheets • Student Work Place • Sentence Frames 3E Cats & Mice • Guides & Instructions • Record Sheets • Student Work Place • Sentence Frames

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Math at Home	Bridges Intervention	Work Places [CCSS Correlations]
Adding & Subtracting Within 20 (1.OA.C) continued		
		6A Spin to Win Bingo • [Guides & Instructions] • [Record Sheets] • [Student Work Place] • [Sentence Frames] 6B What's Missing? • [Guides & Instructions] • [Record Sheets] • [Sentence Frames]
Understanding Place Value (1.NBT.B)		
Guess My Rule • [How Much?] • [What's the Amount?] Math in Our World • [Map Maker] • [Path to 100] Same & Different • [Penguin Huddles] • [Related Numbers] Today's Number • [51] What Comes Next? • [Bundles of Ten] • [The Cubes Keep Coming] Which One Doesn't Belong? • [Less Than, Greater Than] • [Stick With It] Would You Rather? • [Big Boxes, Little Boxes] • [Common Cents] • [Money Matters] • [When Math Gives You Lemons]	[Volume 1] Number: Counting & Early Place Value, Modules 5–6 • [CCSS Correlations] • [Tech Activities] • [Writable PDFs] [Volume 3] Base Ten Operations, Modules 1–3, 9 • [CCSS Correlations] • [Tech Resources] • [Writable PDFs]	3F Fifty or Bust! • [Guides & Instructions] • [Record Sheets] • [Student Work Place] • [Sentence Frames] 4B Super Frogs • [Guides & Instructions] • [Record Sheets & Game Boards] • [Student Work Place] • [Sentence Frames] 4D Hit the Pad • [Guides & Instructions] • [Record Sheets] • [Student Work Place] • [Sentence Frames] 7A Two Turns to Build • [Guides & Instructions] • [Record Sheets] • [Student Work Place] • [Sentence Frames] 7B Race to Zero • [Guides & Instructions] • [Record Sheets] • [Student Work Place] • [Sentence Frames]

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Math at Home	Bridges Intervention	Work Places [CCSS Correlations](#)
Measuring Lengths (1.MD.A)		
Math in Our World • [Two Tall Candles](#) • [Two Tall Plants](#) • [Two Tall Towers](#) Same & Different • [Cubes Come to Life](#) • [Two Paths](#) Would You Rather? • [Big Dog, Little Dogs](#) • [Measuring With Coins](#)	N/A	N/A
Building Understanding of Geometric Shapes (1.G.A)		
Guess My Rule • [Shape Shares](#) Math in Our World • [The Rectangle Room](#) Same & Different • [Bugging Out](#) • [Flower Power](#) • [What's in My Robot?](#) Which One Doesn't Belong? • [Parts of Shapes](#) • [Shapes in My Neighborhood](#) Would You Rather? • [City of Shapes](#)	N/A	5A Last Shape Wins • [Guides & Instructions](#) • [Record Sheets & Game Boards](#) • [Student Work Place](#) • [Sentence Frames](#) 5B Pattern Block Puzzles • [Guides & Instructions](#) • [Record Sheets & Game Boards](#) • [Student Work Place](#) • [Sentence Frames](#) 5F Shape Sorting & Graphing • [Guides & Instructions](#) • [Record Sheets](#) • [Student Work Place](#) • [Sentence Frames](#)

Bridges® in Mathematics Grade 1 Summer Guidance

Unit 8: Time & Duration

During Unit 8, students consider the concept of change from several different angles. The activities in Module 1 help students make the link between time and change as they investigate some of the changes they can make to materials such as paper, craft sticks, and ice cubes in a second, a minute, and an hour. In Module 2, they explore predictable changes in numbers, using a very simple function machine made of a half-gallon milk carton and specially designed sets of change cards. In Module 3, students consider changes in location as they learn to fold and launch paper gliders through the air. After making and testing an initial set of gliders, students modify their original gliders or fold new ones in the attempt to better their flight distances. In Module 4, they explore some of the ways they've grown and changed since they were born. All in all, Unit 8 offers a satisfying end to the school year, blending math and science in ways sure to engage young learners.

Throughout the unit, students apply important skills and concepts from their grade-level work, including the following major areas of focus:

- **1.NBT.1** Count and read numerals within 120
- **1.MD.4** Organize data with up to three categories
- **1.G.3** Use the terms *halves* and *half of* to talk about the two equal parts into which a circle has been partitioned
- **1.MD.2** Express the length of an object as a whole number of units