

MN Strand	Standards	Bridges Units	Number Corner	CCSS Correlations
<b>4.1 Number &amp; Operation</b>	4.1.1 Demonstrate mastery of multiplication and division basic facts; multiply multi-digit numbers; use arithmetic to solve real-world mathematical problems.	1, 2, 6	Sep–Feb, Apr–May	4.NBT.3, 4.NBT.4, 4.NBT.5, 4.NBT.6, 4.OA.1, 4.OA.2, 4.OA.3
	4.1.2 Represent and compare fractions and decimals in real-world and mathematical situations; use place value to understand how decimals represent quantities.	3, 6, 7	Oct, Nov, Jan–May	4.NF.1, 4.NF.2, 4.NF.3, 4.NF.4, 4.NF.5, 4.NF.6, 4.NF.7
<b>4.2 Algebra</b>	4.2.1 Use input-output rules, tables and charts to represent patterns and relationships and to solve real-world problems.	1, 7	Sep, Nov, Jan, Mar, May	4.OA.5
	4.2.2 Use number sentences involving multiplication, division, and unknowns to represent and solve real-world and mathematical problems; create real-world situations corresponding to number sentences.	1, 2, 6	Sep–Feb, Apr, May	4.OA.1, 4.OA.2
<b>4.3 Geometry &amp; Measurement</b>	4.3.1 Name, describe, classify and sketch polygons	5, 8	Dec–Feb, Apr, May	4.G.1, 4.G.2
	4.3.2 Understand angle and area as measurable attributes of real-world and mathematical objects. Use various tools to measure angles and areas.	5, 8	Dec–Feb, Apr, May	4.MD.3, 4.MD.5, 4.MD.6, 4.MD.7
	4.3.3 Use translations, reflections and rotations to establish congruency and understand symmetries.	5	Dec, Apr, May	4.G.4
<b>4.4 Data Analysis</b>	4.4.1 Collect, organize, display and interpret data, including data collected over a period of time and data represented by fractions and decimals.	6	Sept–May	4.MD.4

### Notes:

**4.1.1.1** Demonstrating fluency with multiplication and division facts is addressed in Grade 3. For additional practice, see [Bridges Number & Operations Set A2](#) and Grade 3 Number Corner Computational Fluency February–May. Use these activities in place of Grade 4 Calendar Collector February–May.

**4.3.3.1** Explicit instruction with transformations, including translations, reflections and rotations, is included in Number Corner's May Calendar Grid activities. Educators should use the May Quilt Block Symmetry calendar markers in January (and use the Similar Figures calendar markers from January in May). Additional activities can be found in [Bridges Geometry Set C2](#); these may be substituted for April's Computational Fluency activities.

*Educators can skip the Bridges sessions related to multiplication of whole numbers/fractions (4.NF.4) in Unit 3 to make additional time for the material described above.*

*In addition, educators might consider using the original version of Grade 4 Unit 7, Patterns & Problems, instead of the version revised in 2016. The Patterns & Problems materials are available on the Bridges Educator Site in the [Grade 4 Bridges Teachers Guide materials](#).*

