

Building Fact Fluency

A TOOLKIT FOR MULTIPLICATION & DIVISION

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POSSIBLE 8-WEEK LESSON GUIDE

Building Fact Fluency: A Toolkit for Multiplication & Division is a classroom resource designed around multiple real-world contexts that invite students to explore foundational and derived strategies through Lesson Strings, which are related tasks, activities, games, and routines. *Building Fact Fluency* was designed to provide multiple years of fact fluency lessons and practice but can also be used as a resource for short, intensive lessons that address facts that may require reteaching or review. The schedule below is just one option among many, and it can be adjusted based on students' needs, time available, and staffing. Using the two sequences of Lesson Strings will avoid repetition for students who will participate in summer school both this year and next. If students are grouped in a multi-age setting, however, it's absolutely appropriate to choose either of these sequences and use it with all students, rising fourth grade and beyond. (Younger students should use the addition and subtraction toolkit.)

Week	Factor	Rising Fourth Graders	Rising Fifth Graders & Beyond
1	2s	Toy Bikes	Shoes
2	10s & 5s	Bowling & Grapes	Pencils & Crayons
3	5 & NS	Sushi	Golf Balls
4	4s & 8s	Peaches & Apple Slices	Coin Collection & Paints
5	3s & 6s	Tennis Balls & Eggs	Bobbers & Toy Cars
6	9s	Stickers	Tulips
7	7s	Lemons	Gumballs
8	Games and Optional Routines for Mixed Practice		

The multiplication and division toolkit includes two full sets of lessons for each Lesson String, so it can be used in multiple years without task repetition. Generally, Set A is an appropriate starting point for all students because it contains an engaging 3-Act Math Task, which activates the context through a multimedia modeling lesson. If students will be working with *Building Fact Fluency* in the following year, however, summer school coordinators should choose the opposite set.

Week-at-a-Glance Lesson String Implementation Options

Each Lesson String includes both Core and Optional Routines. During summer school, focus on implementation of the core routines and integrate optional routines (especially the additional Games) as needed.

Lesson String Core Routines	Lesson String Optional Routines
<ul style="list-style-type: none"> • 3-Act Math Task (Set A only)* • Image Talk • Tool Talk • Number Talk • Contextualized Practice Problem* • Core Game for Purposeful Practice* 	<ul style="list-style-type: none"> • Games for Additional Core Practice, Mixed Practice, and Extensions* • Same/Different • Card Talk • True/False • Open Middle Problem (Set B only)

*Available in English and Spanish

There are multiple ways the various components of a Lesson String can be used throughout a week. The table on the right shows some possibilities, assuming 20 minutes per day for *Building Fact Fluency*. If you have more time during summer school, feel free to include more activities each day or compress the schedule.

	Monday	Tuesday	Wednesday	Thursday	Friday
Option 1	3-Act Math Task	Image Talk	Tool Talk	Number Talk	Contextualized Practice Problem
	Game				
Option 2	Image Talk Contextualized Practice Problem	Tool Talk	Game	Number Talk	Open Middle Problem
Option 3	3-Act Math Task	Image Talk Game	Tool Talk Game	Number Talk Game	Same/Different or True/False or Card Talk
Option 4	Image Talk Contextualized Practice Problem		Tool Talk		Number Talk
	Game				



For more information about *Building Fact Fluency: A Toolkit for Multiplication & Division*, visit zaner-bloser.com/building-fact-fluency