

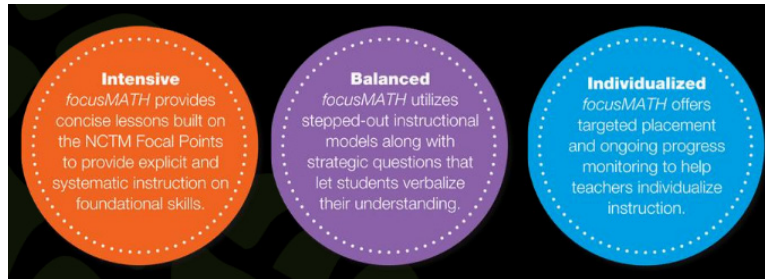
Program Overview

Introduction

This guide discusses the philosophy of the focusMATH program and how it provides intensive intervention for students. Additionally, this guide briefly looks at some of the program’s components.

What is focusMATH?

focusMATH is a kindergarten through sixth grade math program designed to fit any Response to Intervention (RtI) framework in any math program. focusMATH identifies at-risk students early and accelerates their learning with instruction that is intensive, balanced, and individualized.



Flexible Intervention

focusMATH is designed to be used outside of the daily mathematics lesson. It can be used during the school year, but it is also flexible enough to be used as part of before- or after-school programs, summer school, pull-out/resource rooms, or in tutoring programs.

Intensive Intervention

Some students need instruction that requires differentiation from the core instructional program.

focusMATH provides intensive intervention for these students. It not only includes math content important at each grade level, but it also includes the foundational skills that students need to master that content.

Table of Contents

All grade levels consist of three units, each built around a specific Focal Point. Lessons are organized by topic and can be covered in a single session, making the program ideal for pull-out, summer, or after-school district models.

Grade	Unit 1: Number and Operations	Unit 2: Number and Operations	Unit 3: Number and Operations
Grade K	Topic 1: Numbers to 10 Topic 2: Numbers to 20 Topic 3: Addition and Subtraction Topic 4: Shapes Topic 5: Comparing and Ordering Objects	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Counting and Ordering Objects Topic 2: Addition and Subtraction Topic 3: Multiplication and Division Topic 4: Fractions and Decimals
Grade 1	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry
Grade 2	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry
Grade 3	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry
Grade 4	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry
Grade 5	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry
Grade 6	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition Facts to 10 Topic 2: Addition Facts to 20 Topic 3: Subtraction Facts to 10 Topic 4: Subtraction Facts to 18	Topic 1: Addition and Subtraction Topic 2: Multiplication and Division Topic 3: Fractions and Decimals Topic 4: Geometry

Ultimately, focusMATH helps teachers identify where they can make the biggest difference in their students' understanding.

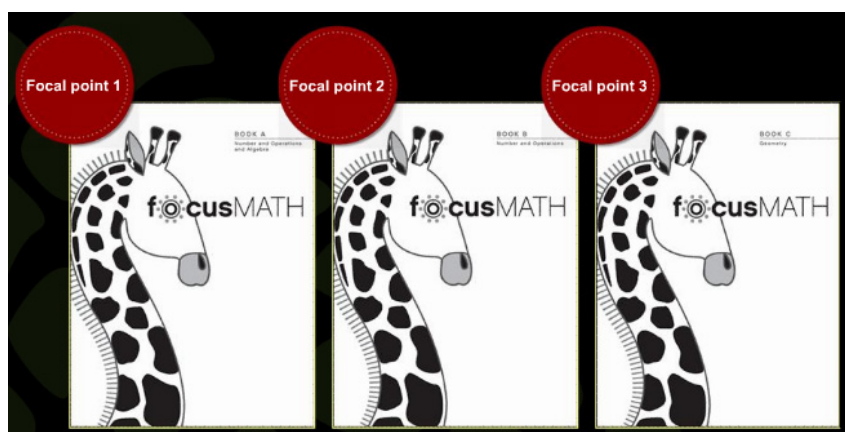
In order to help accelerate students to grade level, focusMATH targets critical skills in mathematics—the Curriculum Focal Points. The National Council of Teachers of Mathematics (NCTM) has developed an approach to curriculum that focuses on a small number of significant mathematical targets at each grade level.

By focusing on the key foundational skills for each Focal Point, students gain extended experience with core concepts and skills, which leads to deeper understandings, computational fluency, and the ability to make meaning of mathematics.

Program Components

There is one Teacher's Edition for each grade level, which contains everything needed to teach focusMATH. It also includes teaching tool masters, Placement, Topic, and Exit assessment masters and answer keys.

There are three consumable student books in Grades 1–6. Each book addresses one of three Focal Points and can be completed in 4–6 weeks.



Kindergarten students work with one consumable workbook, which covers all three Focal Points.

These are the three Focal Points from fourth grade:

- Developing quick recall of multiplication facts and related division facts and fluency with whole number multiplication
- Developing an understanding of decimals, including the connections between fractions and decimals
- Developing an understanding of area and determining the areas of two-dimensional shapes

How do teachers determine which book a student should use?

Students are placed within the program by taking a Program Placement Test at the beginning of the course. The results help teachers find out which Focal Point students are struggling to understand and which book students should start with first.

In addition to the Teacher’s Edition and Student Book, the focusMATH manipulative kits provide students with hands-on learning materials that support in-depth conceptual development

Data-Driven Instruction

Identifying the needs of students comes first, but how do teachers keep these students on track? focusMATH provides a balanced approach to mathematical instruction. It includes easy-to-use topic assessments to evaluate students’ understanding. The information from these assessments helps teachers tailor instruction, monitor student progress, and document student growth.



Balanced Instruction

focusMATH provides teachers with the perfect balance of problem-based instruction with systematic, explicit instruction of concepts and skills to engage students.

Each Step, or lesson, covers a single skill or concept and can be taught in a single day.

To learn how to teach a Step, or lesson, watch the “Understanding a Step” tutorial on this Web site.

Review

This guide looked at how focusMATH helps teachers provide intensive intervention for students with data-driven and balanced instruction.

focusMATH identifies at-risk students early and accelerates their learning with instruction that is intensive, balanced, and individualized. Reaching each student at their level while helping them to accelerate their learning is easy with this comprehensive system.

For more information, please watch the other focusMATH tutorials on this Web site.