Dimensions Math®
PK–5 Curriculum

A refreshed, accessible Singapore Math® program from the people who know it best.

Singapore Math Inc.
Dimensions Math® PK–5 is the latest Singapore Math® curriculum from the people who know it best. We’ve refined aspects of the Singapore math method to better meet the needs of today’s students and educators while preserving the core of this unique approach. Written by a team of educators and experts with more than 100 years of combined classroom experience, it is a rigorous and engaging curriculum that provides a deep elementary math foundation. The price of the series reflects our belief that an excellent math education should be accessible to all.

Why Singapore Math?

The Singapore math approach is a highly effective teaching approach based on research of math mastery in Singapore, which consistently ranks at the top in international math testing.

Our Singapore Math® curriculums aim to raise U.S. student performance internationally and at home on standardized and state assessments.

### TIMSS

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### PISA

![PISA Chart]

- **Mental Math:** Helps students develop number sense and flexibility in thinking about numbers.
- **CPA (Concrete Pictorial Abstract) Approach:** Introduces concepts in a tangible way and progresses to increasing levels of abstraction.
- **Number Bonds:** Shows the part-whole relationship between numbers.
- **Bar Modeling:** Helps students visualize a range of math concepts, such as fractions, ratios, and percentages. Allows students to determine the knowns and unknowns in a given situation.

Proven results!
Addition and Subtraction Within 100

In this chapter, your child will learn to add and subtract 2-digit numbers. In previous chapters, he added or subtracted one 1-digit number. By working in 20 and using addition facts. In this chapter, your child will use those strategies and learn to:

1. Think: Stimulates interest in new concepts through a hands-on activity or problem.
2. Learn: Presents definitions and fully explains new concepts.
3. Do: Solidifies and deepens student understanding of concepts.
4. Exercise: Provides additional problems in the workbook for students to master concepts.
5. Practice: Provides teachers with opportunities for consolidation, remediation, and assessment.

Think

There are 4 bags with 10 garlic bulbs in each bag. 8 of the garlic bulbs are rotten.

Learn

How many garlic bulbs are not rotten?

Exercise

Subtract.

(a) 90 − 9 =
(b) 80 − 5 =
(c) 70 − 4 =
(d) 60 − 2 =
(e) 50 − 7 =
(f) 10 − 7 =

Practice

Subtract from Tens

Basics

Subtract.

Practice

Exercise 7 • page 129

Addition and Subtraction Within 100

Chapter 17

Test A

Date:

Score

Add 48 and 30. Add 23 and 12.
Add 23 and 18.
Add 48 and 30.
Add 23 and 12.
Add 23 and 18.

Test B

Chapter 17 Addition and Subtraction Within 100

Score

Add 48 and 30.
Add 23 and 12.
Add 23 and 18.

Learn

The extensive Dimensions Math® online resource site includes videos, Blackline Masters, letters home, and more.

Teacher's Guides are a comprehensive resource that help teachers understand the purpose of each lesson within the framework of the curriculum. They offer structure for thoughtfully guiding student inquiry, and include detailed teaching notes and activities to achieve lesson objectives.

Textbooks, annotation workbooks, and wrap-around teacher’s guides are all on the digital platform. Teachers can plan, prep, assign, and review lessons online. Students can access textbooks and complete workbook assignments through their school’s LMS portal.
Throughout the series, five characters offer suggestions to students on how to think about problems and strategies they’ve learned, while pointing out important information to encourage students to come up with their own solutions.
Think,
Learn,
Do,
Succeed.

Dimensions Math® PK–5 is an affordable and comprehensive Singapore Math® program from the people who know it best. The curriculum was designed to better suit the needs of today’s educators and students while preserving the unique core of the Singapore math approach.

The latest Singapore Math® program is here!