The Mathematics Lesson-Planning Handbook, Grades 3–5

A step-by-step guide to walk you through every facet of planning cohesive, standards-based mathematics lessons, including

CHAPTER 2

YOUR 3–5 BLUEPRINT
Planning Mathematics Lessons for Coherence, Rigor, and Purpose

As you begin to plan your lessons, think about the big ideas you want to cover. What are the essential questions you want your students to answer? How can you make sure your lesson is aligned with the standards?

CHAPTER 3

LAYING YOUR FOUNDATION
It Starts With Big Ideas. Essential Questions, and Standards

Essential Questions, and Standards

A central idea in mathematics is that students should be able to think critically and solve problems. This chapter will address the following questions:

- What are some different lesson formats?
- What are some sources for worthwhile tasks?
- Why are tasks important?
- How do you select tasks?
- How do you support student learning?

CHAPTER 5

DECIDING ON PURPOSE
Why Are You Building This Lesson?

As you plan your lessons, consider the purpose of the lesson. What do you want your students to learn? How will you assess their understanding?

CHAPTER 6

CHOOSING TASKS
The Heart of a Lesson

Choosing tasks is crucial in mathematics. What makes a task worthwhile? How do you select tasks that will engage your students?

CHAPTER 9

FRAMING THE LESSON
Formats

Framing the lesson is important in mathematics. What are the different formats you can use to frame a lesson? How can you make sure your lesson is engaging and meaningful for your students?