The Mathematics Lesson-Planning Handbook, Grades 3-5 at a Glance

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

Paul said. "I thought the textbook was just a resource."

Using your curriculum to think about all of your lessons as a cohesive progression across units, throughout the year

CHAPTER 5

DECIDING ON PURPOSE

Why Are You Building This Lesson?

"They got int" fifth-grade teacher Brian yelled as he burst into the team planning room. His teammated, Mora and today!"

Brian grinned. "I am just so excited that I did this lesson today!"

Determining whether you're designing a lesson to focus on conceptual understanding, procedural fluency, or transfer of knowledge

Asking yourself essential questions about your standards-based learning intentions, lesson purpose, tasks, materials, lesson format, and how to anticipate and assess student thinking

CHAPTER 3

LAYING YOUR FOUNDATION

It Starts With Big Ideas, Essential Questions, and Standards

CHAPTER 6

CHOOSING TASKS

The Heart of a Lesson

A worthwhile task is the heart of a lesson. In fact, selecting the task is the most important decision teachers make that affects instruction (Lappan & Briars, 1995; Smith & Stein, 2011).

This chapter will address the following of

CHAPTER 9

FRAMING THE LESSON

structure. Lesson formats refer to how you organize your class for the lesson. Some lessons work better when students are in collaborative groups, and some are more effective when students more around to different centers. For instance, rotating stations may be a good introductory lesson on a new concept. As you select, a lesson format for a particular lesson, you should base your decision on the purpose of the lesson. Lesson format can and should vary depending on the purpose of whe lesson as lesson format and and should vary depending on the purpose of whe lesson as lamn. Diamond, and Bonnie all agree.

