

Chapter 3 Application Guide

Use the following application guide to connect these ideas to your classroom.

Chapter 3 Topics	Connect to Your Classroom
Tools for Representing Mathematical Ideas	Look around your classroom and make an inventory of the tools you can use to represent mathematical ideas in upcoming math topics. Use table 3.1 (page 66) to jumpstart your thinking.
Public Records	Draw out a public record for an upcoming lesson showing how you will write three to five related student ideas during a short large-group debriefing.
Tools for Communicating	- Ask your students "What do you notice?" and "What do you wonder?" in a lesson this week and listen to their ideas. - Make a language frame for your classroom using the suggestions in figure 3.6 (page 58). - List some precise language that you want to highlight in an upcoming lesson.
Tools for Planning	- Look at the appendixes in the back of this book and find an upcoming lesson where you can incorporate an idea, question, or routine from the appendix. - Write one way that you are intentional in your lessons and one way that you are responsive in your lessons.