

Table of Contents

| | |
|--|-------------|
| About the Authors | ix |
| Preface | xiii |
| Introduction | 1 |
| Equity and PLCs | 1 |
| The Reflect, Refine, and Act Cycle | 2 |
| Mathematics in a PLC at Work Framework | 2 |
| About This Book | 4 |
| PART 1 | |
| Team Action 1: Develop High-Quality Common Assessments for the Agreed-On Essential Learning Standards | 5 |
| 1 The Purpose and Benefit of Common Mathematics Assessments | 7 |
| Four Specific Purposes | 7 |
| The Assessment Instrument Versus the Assessment Process | 9 |
| Reflection on Team Assessment Practices | 10 |
| 2 Quality Common Mathematics Unit Assessments | 13 |
| Identification and Emphasis on Essential Learning Standards | 17 |
| Balance of Higher- and Lower-Level-Cognitive-Demand Mathematical Tasks | 22 |
| Variety of Assessment-Task Formats and Technology | 26 |
| Appropriate and Clear Scoring Rubrics | 28 |
| Clarity of Directions, Academic Language, Visual Presentation, and Time Allotment | 35 |
| 3 Sample Common Mathematics Unit Assessments and Collaborative Scoring Agreements | 39 |
| Sample During-the-Unit Common Assessments | 39 |
| Sample End-of-Unit Common Assessments | 42 |
| Collaborative Scoring Agreements | 55 |
| Part 1 Summary | 63 |

PART 2

Team Action 2: Use Common Assessments for Formative Student Learning and Intervention. . . 65

| | | |
|---|--|-----|
| 4 | Quality Mathematics Assessment Feedback Processes | 67 |
| | FAST Feedback | 67 |
| | Evaluation of Mathematics Assessment Feedback Processes | 69 |
| | Quality of Mathematics Assessment Feedback. | 71 |
| 5 | Team Response to Student Learning Using Tier 2 Mathematics Intervention Criteria . . . | 85 |
| | Systematic and Required | 89 |
| | Targeted by Essential Learning Standard | 91 |
| | Fluid and Flexible | 92 |
| | Just in Time | 93 |
| | Proven to Show Evidence of Student Learning | 94 |
| 6 | Student Action on Assessment Feedback During the Unit | 97 |
| | Student Trackers. | 98 |
| | Self-Regulatory Feedback | 104 |
| | Part 2 Summary. | 107 |
| | Epilogue | 109 |
| | Appendix: Cognitive-Demand-Level Task Analysis Guide | 111 |
| | References and Resources | 113 |
| | Index | 117 |