

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	3
About This Book	4
 PART 1	
Team Action 5: Develop and Use High-Quality Common Independent Practice Assignments for Formative Student Learning	7
 1 The Purpose of High-Quality Common Independent Practice Assignments	 9
Develop Common Independent Practice Assignments	11
Improve the Quality of Independent Practice Assignments	13
Understand High-Quality Independent Practice Indicators	15
Increase the Impact of Student Voice in Independent Practice and Learning	19
 2 Example Independent Practice Assignments	 21
Elementary School Example	21
Middle School Example	21
High School Example	21
 3 Formative Independent Practice Routines for Improved Student Learning	 35
Formative Feedback Routines Outside the Classroom	35
Formative Feedback Routines Inside the Classroom	38
 4 Common Scoring and Grading Agreements for Independent Practice Assignments	 41
Common Scoring Agreements	41
Grades for Independent Practice	43
Part 1 Summary	45

PART 2

Team Action 6: Develop and Use High-Quality Common Grading Components and Formative Grading Routines 47

5 The Purpose and Nature of Grading in Mathematics 49

Common Grading Agreements.51

Common Grading Errors51

6 How to Create and Evaluate Quality Grading Components 57

Four Quality Grading Components58

Quality Grading Practice Evaluation.63

7 Formative Grading Routines 65

An Example From Edison Middle School.65

Standards-Based Student Trackers68

Feedback on Learning Standards Versus Learning Processes73

8 Traditional Report Card Grades and Standards-Based Scoring Routines 75

Standards-Based Gradebook76

Proficiency Scale Scoring.77

Standards-Based Reporting78

Part 2 Summary. 81

Epilogue 83

Appendix: Cognitive-Demand-Level Task Analysis Guide 85

References and Resources 87

Index 89