

# Contents

Preface.....	v
General Introduction to the Focus in High School Mathematics Series .....	vii
Introduction to <i>Focus in High School Mathematics: Fostering Reasoning and Sense Making for All Students</i> .....	xi
Chapter 1. Stories of Success: Changing Students’ Lives through Sense Making and Reasoning.....	1
Jo Boaler, <i>Stanford University</i>	
Chapter 2. Supporting Mathematical Reasoning and Sense Making for English Learners.....	17
Judit Moschkovich, <i>University of California, Santa Cruz</i>	
Chapter 3. Minimizing Weaknesses and Maximizing Strengths of Students with Disabilities .....	37
Lisa Dieker, <i>University of Central Florida</i>	
Paula Maccini, <i>University of Maryland</i>	
Jessica Hunt, <i>University of Central Florida</i>	
Tricia Strickland, <i>University of Maryland</i>	
Chapter 4. Issues of Equity for Advanced Students.....	65
Dan Teague, <i>North Carolina School of Science and Mathematics</i>	
Tamar Avineri, <i>North Carolina School of Science and Mathematics</i>	
Christine Belledin, <i>North Carolina School of Science and Mathematics</i>	
Julie Graves, <i>North Carolina School of Science and Mathematics</i>	
Richard Noble, <i>North Carolina School of Science and Mathematics</i>	
Maria Hernandez, <i>North Carolina School of Science and Mathematics</i>	
Donita Robinson, <i>North Carolina School of Science and Mathematics</i>	
Chapter 5. Mathematical Reasoning and Sense Making Begins with the Opportunity to Learn .....	85
Lee V. Stiff, <i>North Carolina State University and EDSTAR Analytics Inc.</i>	
Janet L. Johnson, <i>EDSTAR Analytics Inc.</i>	
Chapter 6. Mathematics Learning Communities That Foster Reasoning and Sense Making for All High School Students .....	101
Marilyn E. Strutchens, <i>Auburn University</i>	
Judith Reed Quander, <i>University of Houston—Downtown</i>	
Rochelle Gutiérrez, <i>University of Illinois at Urbana-Champaign</i>	
Appendix. The Equity Principle.....	115