## Contents

**Foreword**  
*Chris Dede*  

**INTRODUCTION**  
*Gabrielle Rappolt-Schlichtmann, Samantha G. Daley, and L. Todd Rose*  

1 **LEARNING IS SOCIAL AND CONTEXTUAL**  
*A conversation with Jeremy Roschelle*  

- **The Child and the Curriculum**  
  *John Dewey*  

2 **CONSTRUCTIVISM, WITH CONSTRAINTS**  
*A conversation with Howard Gardner*  

- **The Un schooled Mind: Why Even the Best Students in the Best Schools May Not Understand**  
  *Howard Gardner*  

3 **EMOTION AND COGNITION ARE CO-REGULATED**  
*A conversation with Mary Helen Immordino-Yang*  

- **On the Interdependence of Cognition and Emotion**  
  *Justin Storbeck and Gerald L. Clore*  

4 **THE DYNAMICS OF SCAFFOLDING**  
*A conversation with Kurt W. Fischer*  

- **The Dynamics of Competence: How Context Contributes Directly to Skill**  
  *Kurt W. Fischer, Daniel H. Bullock, Elaine J. Rotenberg, and Pamela Raya*
5 LEARNING FROM OUTLIERS  123
   A conversation with Michael Russell
   On the Roles of External Knowledge Representations
   in Assessment Design  127
   Robert J. Mislevy, John T. Behrens, Randy E. Bennett, Sarah F. Demark,
   Dennis C. Frezzo, Roy Levy, Daniel H. Robinson, Daisy Wise Rutstein,
   Valerie J. Shute, Ken Stanley, and Fielding I. Winters

6 MODELING VARIABILITY  177
   A conversation with Paul van Geert
   Focus on Variability: New Tools to Study Intra-Individual
   Variability in Developmental Data  182
   Paul van Geert and Marijn van Dijk

   Afterword  229
   David H. Rose

   Acknowledgments  235

   About the Editors  237

   About the Contributors  239

   Index  243