

CONTENTS

Preface

PART I CONCEPTUAL FRAMES FOR TEACHER THOUGHT AND ACTION

David C. Berliner	The place of process-product research in developing the agenda for research on teacher thinking	3
Sigrun Gudmundsdottir & Lee S. Shulman	Pedagogical knowledge in social studies	23
Pam Denicolo & Maureen Pope	Perspectives on the teaching profession or relative appraisal	35
David C. Berliner & Kathy J. Carter	Differences in processing classroom information by expert and novice teachers	55
Gaea Leinhardt	A contrast of novice and expert competence in math lessons	75
Margret Buchmann	Teaching knowledge : the lights that teachers live by	99

PART II METHODS AND APPROACHES TO THE STUDY OF TEACHER THOUGHT AND ACTION

Günter L. Huber	Strategies and methods in research on teacher thinking	119
Antoinette A. Oberg	The ground of professional practice	145

John Olson	Case study in research on teaching : a ground for reflective practice	163
Ferry Boei, Alberta H. Corporaal & Wim H. van Hunen	Describing teacher cognitions with the repgrid	175
Erik De Corte, Lieven Verschaffel & Hilde Schrooten	Computer simulation as a tool in studying teachers' cognitive activities during error diagnosis in arithmetic	193
PART III TEACHER JUDGMENT AND EVALUATION OF STUDENTS		
Rainer Bromme	The 'collective student' as the cognitive reference point of teachers' thinking about their students in the classroom	209
Manfred Hofer	Goal dependent perception in relations between teachers and students	223
Annica Brehmer	Grading as a quasi-rational judgment process	233
Urban Lissman	Analysing teachers' thoughts prior to student assessment	247
Sip J. Pijl & Steve F. Foster	Teachers' need for pupil information in special education	283
Karin van Opdorp, Paul den Hertog, Theo Bergen & Lucie Vreuls	Teachers' causal attributions in problematic situations	305

Christopher M. Clark	Asking the right questions about teacher preparation : contributions of research on teacher thinking	325
Deborah Loewenberg-Ball & Sharon Feiman-Nemser	Using textbooks and teachers' guides : what beginning elementary teachers learn and what they need to know	335
Jan Broeckmans	Supervision conferences and student teachers' thinking and behavior	345
Sharon Feiman-Nemser & Margret Buchmann	Knowing, thinking and doing in learning to teach : a research framework and some initial results	361
Lynn Paine	Teaching as a virtuoso performance : the model and its consequences for teacher thinking and preparation in China	377
Greta Morine-Dersheimer & Bernard Oliver	Examining complexity of thought in secondary student teachers	397