Team-Based Learning

A Transformative Use of Small Groups in College Teaching

> *Edited by* Larry K. Michaelsen Arletta Bauman Knight L. Dee Fink



Contents

Preface		vii
Part I:	THE KEY IDEAS OF TEAM-BASED LEARNING	1
1.	Beyond Small Groups: Harnessing the Extraordinary Power	
	of Learning Teams L. Dee Fink	3
2.	Getting Started with Team-Based Learning Larry K. Michaelsen	27
3.	Creating Effective Assignments: A Key Component of	
	Team-Based Learning Larry K. Michaelsen and Arletta Bauman Knight	51
4.	Group Process Research: Implications for Using	
	Learning Groups Carolyn Birmingham and Mary McCord	73
PART II	THE VOICES OF EXPERIENCE	95
5.	An Alternative to Lecturing in the Sciences Frank J. Dinan	97
6.	Using Case Studies in Science—And Still "Covering	
	the Content" Clyde Freeman Herreid	105
7.	Working with Nontraditional and Underprepared Students in	
	Health Education Patricia Goodson	115
8.	A Dramatic Turnaround in a Classroom of Deaf Students Melanie C. Nakaji	125

Со	nte	nts

9. Overcoming Initial Mistakes When Using Small Groups <i>G. Fred Streuling</i>	133	
10. Creating Group Assignments that Teach Multiple Concepts in an Interdisciplinary Course Context	145	
<i>Laurie A. Lucas</i> 11. Team-Based Learning in Large Classes <i>Larry K. Michaelsen</i>	153	
 Using Team-Based Learning in a Very Traditional, Cultural, and Institutional Context <i>Jiří Popovský</i> 	169	
13. Team-Based Learning in International Situations Jon Cragin	173	
14. Team-Based Learning in a Course Combining In-Class and Online Interaction <i>Mark Freeman</i>	183	
PART III: MAJOR LESSONS ABOUT TEAM-BASED LEARNING	195	
15. Team-Based Learning: A Strategy for Transforming the Quality of Teaching and Learning <i>Arletta Bauman Knight</i>	197	
Appendices		
A. Frequently Asked Questions about Team-Based Learning <i>Larry K. Michaelsen</i>	209	
B. Calculating Peer Evaluation Scores Larry K. Michaelsen and L. Dee Fink	229	
C. Setting Grade Weights: A Team-Building Exercise Larry K. Michaelsen	241	
D. Miscellaneous Materials Related to Team-Based Learning	249	
E. Speeding Up Team Development with Immediate Feedback	269	
Bibliography	271	
Index	279	
About the Editors and Contributors		

vi