

CONTENTS

Foreword **ix** • Preface **xi** • Acknowledgments **xv**

PART I Approaching Movement Analysis 1

CHAPTER 1	Teaching and Learning	3
	Specific Objective Method	3
	Correcting Errors Method	4
	Encouraging the Learner	5
	True or False Review Questions	10
	References	10

PART II Moving Yourself 11

CHAPTER 2	Balance	13
	Principles of Balance	14
	How to Improve Your Balance	16
	Observations	17
	Activities	18
	True or False Review Questions	21

CHAPTER 3	Initiating Movement	23
	Getting Ready to Move	23
	Activities	27
	True or False Review Questions	28

CHAPTER 4	Force	29
	Force Development	29
	Force Application	35
	Absorbing Force	37
	Opposition	39
	Lever Length	40
	Observations	41
	Activities	42
	True or False Review Questions	43

CHAPTER 5	Preparing Your Body to Apply Mechanical Principles . .	45
	Improving Posture	45
	Strengthening and Toning Muscles	46
	Correcting Muscle Tightness	48
	Activities	51
	True or False Review Questions	53

PART III	Moving Objects	55
CHAPTER 6	Rebound, Deflection, Spins, and Roll Patterns	57
	Rebounds	57
	Deflection	58
	Spins and Roll Patterns	58
	Activities	62
	True or False Review Questions	63
CHAPTER 7	Projectiles	65
	Principles of Projectiles	65
	How to Apply Spin to an Object	67
	The Human Body as a Projectile	68
	Activities and Observation	73
	True or False Review Questions	74
CHAPTER 8	Direction and Accuracy	75
	Factors That Affect Direction and Accuracy	76
	Observations	83
	Activities	83
	True or False Review Questions	88
PART IV	Improving Analytical Skills	91
CHAPTER 9	Visual Evaluation	93
	Evaluation Skills and How to Improve Them	93
	Activities	95
	True or False Review Questions	95
CHAPTER 10	Activities to Habituate the Mechanical Principles of Movement	97
	Game Matrix	100
	Batting Tee Challenge	101
	Blanketball	102
	Chaotic Team Juggle	103
	Frantic Ball	105
	Freeze	107
	Golf Tee Challenge	108
	Living Basketball	109
	Partner Scoop Play	110
	Pass-a-Puck	111
	Racket and Balloon	113
	Rag or Rug Hockey	114
	Rebound Board	116
	Skates	117
	Super Sox	119
	True or False Review Questions	120

Contents

Appendix A	Putting It All Together: Some Suggestions on Striking	123
Appendix B	How to Make Equipment	127
Appendix C	Answers to True or False Review Questions	135
Index	145	● About the Author 151