

# Contents

<b>Preface</b>	<b>viii</b>
<b>Changes in the Fourth Edition</b>	<b>ix</b>
<b>About the Author</b>	<b>xi</b>
<b>1. How Teaching Changes Lives</b>	<b>1</b>
<b>A Teacher's Influence on Emotions and Memories</b>	<b>1</b>
The Residual Effect of Memories	2
The Importance of Change on the Brain	2
<b>Summary</b>	<b>3</b>
<b>2. How Students Learn</b>	<b>5</b>
<b>The Brain During the Learning Process</b>	<b>5</b>
Neural History	6
Learning Environment	7
Content Acquisition	9
Elaboration of the Learning	10
Encoding of the Information	11
<b>Summary</b>	<b>13</b>
<b>3. Learning Environment</b>	<b>15</b>
<b>How Environments Matter</b>	<b>15</b>
The Enriching Environment	16
<i>Room Temperature</i>	18
<i>Plants and Flowers</i>	18
<i>Acoustics and Sound Quality</i>	18
<i>Mobiles, Posters, and Wall Colors</i>	19
<i>Lighting (Natural and Fluorescent)</i>	20
<i>Pets, Terrarium, and Aquarium</i>	20
<i>Room Size and Crowding</i>	20
<i>Flooring Options (Rug, Tile, Carpet, Wood)</i>	21
<i>Furniture and Seating Mobility</i>	21
<i>Humidity and Ionization Levels</i>	21
<i>View to the Outside (Scenic vs. Distracting)</i>	21
<i>Olfactory (Positive Aromas and Toxic Smells)</i>	22
<b>Summary</b>	<b>23</b>

<b>4. Lesson Planning With the Standards</b>	<b>25</b>
<b>Objectives and Planning</b>	<b>26</b>
Lesson Plans	26
<i>Delivering the Lesson Plan</i>	26
<b>Developmentally Appropriate Planning</b>	<b>28</b>
Where to Match Learning With Development	28
What Is Developmentally Appropriate Practice?	29
<i>Research-Based Evidence for DAP</i>	29
<i>Test Scores</i>	30
<i>Social and Emotional Factors</i>	30
When Is It Best to Apply DAP?	32
What to Do About DAP?	32
<i>In Sync With the Standards</i>	32
<b>Summary</b>	<b>33</b>
<b>5. Learner Differences</b>	<b>35</b>
<b>Students in Your World</b>	<b>35</b>
The Multicultural World	36
Gender Differences	36
<b>Learning Style Differences</b>	<b>38</b>
Categories of Learning Styles	38
<i>Context</i>	38
<i>Input</i>	38
<i>Processing</i>	39
<i>Response Filters</i>	39
The Global Learning Profile	40
<i>Contextual Factors</i>	41
<i>Input Preferences</i>	41
<i>Processing Format</i>	43
<i>Response Filters</i>	44
How to Reach All Learning Styles	44
<i>Detection and Diagnosis</i>	45
<b>Activity: Your Learning Style Preferences</b>	<b>45</b>
<b>Summary</b>	<b>46</b>
<b>6. Assessment for Learning</b>	<b>49</b>
<b>Framework for Assessment</b>	<b>49</b>
The Foundational Pillars for Assessments	49
<i>Many Roles</i>	49
<i>Assessment Is Now Part of Instruction</i>	50
<i>Subjectivity Is the Rule</i>	50
<i>Framing and Perspective Count</i>	50
<i>Assessment Is Ongoing</i>	50
<i>Assess for a Purpose</i>	50
<i>Continual Experimentation With Assessment</i>	51
Assessment Quantity and Timing	51
<i>Variety of Assessment Strategies</i>	52
<i>Ways to Regulate Feedback</i>	53
<b>Summary</b>	<b>55</b>

<b>7. Super Mind-Sets</b>	<b>57</b>
<b>What Are Mind-Sets?</b>	<b>57</b>
Why Mind-Sets Are Key	58
<i>The Frozen Student Mind-Set</i>	58
Mental Models of Success for Teachers	59
<i>Mind-Set No. 1: Flexible Hats</i>	59
<i>Mind-Set No. 2: From Safety to Risk Taker</i>	60
<i>Mind-Set No. 3: All Teaching Is Now Global</i>	61
<i>Mind-Set No. 4: The Meaning Is the Response</i>	61
<i>Mind-Set No. 5: There Are No Failures, Only Results</i>	62
<i>Mind-Set No. 6: Feedback Is Your Friend</i>	62
<i>Mind-Set No. 7: Conversation Changes Reality</i>	63
<i>Mind-Set No. 8: Power of Choosing</i>	63
<i>Mind-Set No. 9: “Seize the Day” Attitude</i>	64
<i>Mind-Set No. 10: Good Ego, Bad Ego</i>	64
<i>Mind-Set No. 11: We All Do Our Best</i>	65
<i>Mind-Set No. 12: Embrace the Tao of Teaching</i>	65
<b>Summary</b>	<b>66</b>
<b>8. They All Have Special Needs</b>	<b>69</b>
<b>Who Actually Has Special Needs?</b>	<b>70</b>
What Counts as a Learning Disability	71
<i>Determinations for Disabilities</i>	71
<i>Are Disabilities Increasing?</i>	72
<i>Our Students Are Changing</i>	72
<b>Overview of Special Needs</b>	<b>73</b>
Dyslexia	73
<i>Symptoms of Dyslexia</i>	74
<i>Treatment for Dyslexia</i>	74
Learning Delays	75
<i>Symptoms of Learning Delays</i>	75
<i>Treatment for Learning Delays</i>	75
Attention Deficit Hyperactivity Disorder	76
<i>Symptoms of ADHD</i>	76
<i>Treatment for ADHD</i>	77
Can Learning Difficulties Be Repaired?	77
<b>Summary</b>	<b>78</b>
<b>9. Poverty’s Influence on Kids</b>	<b>81</b>
<b>The Effects of Poverty on Children and Learning</b>	<b>82</b>
Impoverished Kids in the Classroom	83
<i>What to Watch For</i>	85
Creating the Right Factors for Poverty-Stricken Students	85
<i>Skill Building</i>	86
<i>Hope</i>	86
<i>Accommodations</i>	87
<i>Relationships</i>	87
<i>Enrichment</i>	88
Putting the Five Factors Into Action	88
<b>Summary</b>	<b>89</b>

<b>10. Critical Connections</b>	<b>91</b>
<b>The Connective Teacher</b>	<b>91</b>
Key Relationships at School	92
<i>The Student–Subject Relationship</i>	92
<i>The Student–Student Relationship</i>	92
<i>The Student–Teacher Relationship</i>	93
<b>Summary</b>	<b>98</b>
<b>11. Learning to Remember</b>	<b>101</b>
<b>Memory Made Easy</b>	<b>101</b>
Explicit and Implicit Pathways	102
How to Boost Student Memory and Recall	102
<i>R Is for Repetition</i>	102
<i>O Is for Oxygen</i>	104
<i>Y Is for Yearning for Meaning</i>	104
<i>G Is for Glucose</i>	104
<i>B Is for Bias the Attention</i>	105
<i>I Is for Intensity of Emotions</i>	105
<i>V Is for Variety of Word Tools</i>	106
Memories Change Because We Change	107
<b>Summary</b>	<b>107</b>
<b>12. Listening Secrets</b>	<b>109</b>
<b>Listening Is a Learned Skill</b>	<b>109</b>
Types of Listening Styles	111
<i>Empathetic Listening</i>	111
<i>Technical Listening</i>	113
Help Bring Out the Message	114
<i>Nonverbal Skills</i>	114
How to Create a Great Listening Environment	116
<b>Summary</b>	<b>116</b>
<b>13. Engagement and Motivation Strategies</b>	<b>119</b>
<b>Engagement Everywhere</b>	<b>119</b>
Sources of Intrinsic Motivation	119
<i>Give Learners Control and Choice</i>	119
<i>Meet Learners’ Needs and Goals</i>	120
<i>Engage Strong Emotions</i>	121
<i>Increase Student Vesting</i>	121
<i>Provide Frequent Feedback</i>	122
<i>Manage Emotions With Affirmations</i>	123
<i>Engage Constantly</i>	126
<b>Summary</b>	<b>127</b>
<b>14. Fine-Tuning Your Presentation</b>	<b>129</b>
<b>The Structure of Planning</b>	<b>129</b>
Quick Planning and Organization	130
<i>Daily Steps in Lesson Planning</i>	130
Congratulations, Celebrations, and Closing Rituals	136
<i>Successful Closers</i>	136
<b>Summary</b>	<b>137</b>

<b>15. The Productive Nature of Using Rituals</b>	<b>139</b>
<b>Using Rituals in Teaching</b>	<b>139</b>
Why Use Rituals?	140
<i>What Makes a Good Ritual?</i>	141
Using Rituals to Solve Problems	142
<i>Anatomy of a Ritual</i>	142
<i>The Benefits of Using Rituals</i>	143
<i>Examples of Five Practical Rituals</i>	144
<i>How Long Will Rituals Last?</i>	145
How Do I Get Started?	146
<b>Summary</b>	<b>146</b>
<b>16. Managing Students' Emotional States</b>	
<b>With Music and Energizers</b>	<b>149</b>
<b>The Sweet Sounds of Learning</b>	<b>150</b>
Music's Role in the Classroom	150
<i>How to Use Music</i>	150
<i>How Much Music Is Ideal?</i>	151
<i>Practical Solutions for Using Music</i>	152
<b>Energizing Your Classroom</b>	<b>153</b>
Using Energizers With Your Students	154
<i>Giving the Right Directions</i>	154
<i>Suggestions for Energizers</i>	155
<b>Summary</b>	<b>156</b>
<b>17. Running Your Class Successfully</b>	<b>159</b>
<b>Solid Classroom Management</b>	<b>159</b>
The PIP Pyramid	161
<i>Prevention</i>	162
<i>Intervention</i>	168
<i>Personal Growth</i>	171
<b>Summary</b>	<b>173</b>
<b>18. Ways to Create a Thriving Self</b>	<b>175</b>
<b>A New Way of Thinking</b>	<b>175</b>
The High-Energy Teaching Diet	176
<i>Liquids That Energize</i>	177
<i>Foods at Work That Energize</i>	177
<i>Foods at Home That Energize</i>	178
Secrets to Energy Management	179
<i>Knowledge and Skill Base</i>	180
<i>Stress and Distress</i>	181
<b>Summary</b>	<b>182</b>
<b>References</b>	<b>185</b>
<b>Index</b>	<b>189</b>