

Table of Contents

Chapter 1: The Struggles and Threats to Higher Education		
Introduction: Higher Education in One Word, "WHY?"1		
Higher Education Is in Trouble – Why You Should Care3		
It's Not About You5		
Why What Worked Yesterday Won't Work Tomorrow7		
The Theory of Jobs to Be Done9		
The Future of Schools11		
The Structure of This Book12		
A Roadmap to the Future14		
Chapter 2: Turning Higher Education Upside Down 17		
Trying a Contemporary University Model: The MEF Story		
Easier Said Than Done		
Defining Flipped Learning		
Global Terminology27		
Flipped Learning 3.0		

Who Is Doing Flipped Learning Well?	38
The Search for Best Practices	39
A Global Phenomenon	13
Chapter 3: Plan to Flip or Plan to Fail	15
Designing for Effective Learning4	5
Pedagogy Versus Andragogy4	8
Organization and Front-loading Planning4	.9
Backward Design: Start with the End in Mind5	0
Using Bloom's Taxonomy in Planning5	5
Two Simple Planning Methods5	9
Summary of Planning Elements6	1
Essential Planning Elements of Effective Flipped Learning6	2
Chapter 4: Best Practices in the Individual Space 6	5
Best Practices for Student Motivation6	7
Best Practices for Content7	2
Best Practices for Videos7	5
Make the Individual Space Social7	9
The Placement and Types of Questions in the Pre-work	-
Learning Analytics8	1
Flipping with Text8	2
Student-created Content8	3
Two Traditional Learning Techniques and the Individual Space8	

Helping Students with Incomplete Understanding	89
Conclusion	91
Essential Individual Space Elements of Effective Flippe Learning	
Chapter 5: The Technology Piece	95
Principles of Good Digital Design	96
Technology in the Individual Space	98
Digital Platforms, Adaptive Learning and Differentiation in the Individual Space1	
Technology in the Group Space1	23
Tech Tools for Assessment1	26
Essential Technology Elements of Effective Flipped Learning	32
Chapter 6: Best Practices in the Group Space1	33
The Role of the Instructor1	34
How to Flip in Large Classes1	35
Learning Spaces1	37
Active Learning Strategies for the Group Space 14	41
Essential Group Space Elements of Effective Flipped Learning10	64
Essential Learning Spaces Elements of Effective Flippe Learning	
Chapter 7: Flipping Assessment1	67
The Need to Rethink Assessment10	68

	Three Keys to Restructuring Assessment for Filipped	
	Learning	
	Rebalancing Assessment for Flipped Learning	177
	Assessment in Flipped Learning	179
	Grading and Feedback	180
	Peer Assessment	188
	Self-Assessment	192
	21st Century Assessment	193
	Flipping Learning: It's a Journey	194
	What's Next?	195
	Essential Assessment Elements of Effective Flipped Learning	195
C	Chapter 8: Avoiding the Professional Development Pitfa	
	The Three Ages of Flipped Learning	197
	Challenges with the Global Spread of Flipped Learnin	
	The Journey to Global Standards	201
	Transferring Current Research and Global Standards into Practice	
	Essential Professional Development Elements of Effective Flipped Learning	208
2	hapter 9: The Value of Supplemental Accreditation	209
	Implementing Global Standards for Flipped Learning and Obtaining Accreditation	209
	Goals of AALAS	213

Now what?	214
Chapter 10: Flipping Mindset	215
Flipping the Mindset: Getting Buy-in at All Levels	216
Instructor Mindset and Training	217
Student Mindset	223
Essential Communication and Culture Elements of Effective Flipped Learning	227
Essential Student Feedback Elements of Effective Flipped Learning	228
Essential Student Standards of Effective Flipped Learning	228
Chapter 11: Closing Thoughts	231
References	239

.

Table of Tables

Table 1: Terms that are Unique to Flipped Learning 29
Table 2: Terms that Must be Understood to Implement
Flipped Learning31
Table 3: Learning Strategies Enabled and Supported by
Flipped Learning
Table 4: General Standards42
Table 5: General Standards: Planning for Flipped Learning
(P-1-P-12)
Table 6: Two More Higher Education Planning Standards
63
Table 7: Individual Space Mastery (IS-1-IS-18)91
Table 8: 100-Point Video Rubric
Table 9: IT Infrastructure (IT-1-IT-5)
Table 10: Group Space Mastery (GS-1-GS-15) 164
Table 11: Learning Spaces (LS-1-LS-5)
Table 12: Talbert's Strategies for Flipped Learning
Assessment179
Table 13: Boud et al.'s Recommended Features of
Assessment Design to Enhance Learning
Table 14: Assessment (A-1-A-7)
Table 15: The Three Ages of Flipped Learning 198
Table 16: Professional Development Standards 204
Table 17: Curriculum for Flipped Learning 3.0 Higher Ed
Certification Level - I207
Table 18: Professional Development (PD-1–PD-5) 208

Table 19: Communication and Culture (C-1-C-7)	. 227
Table 20: Student Feedback (St-1-St-6)	. 228
Table 21: Student Standards	. 228
Table 22: Higher Education Standards	. 234
Table 23: Educational Leaders' Standards	. 235

Table of Figures

Figure 1: The Global Elements of Effective Flipped
Learning16
Figure 2: The Blind View of Flipped Learning39
Figure 3: Phase One – Planning for Flipped Learning 52
Figure 4: Phase Two – Planning for Flipped Learning 54
Figure 5: Bloom's 2001 Revised Taxonomy55
Figure 6: Jon Bergmann's Representation of Bloom's
Taxonomy in Flipped Learning58
Figure 7: Example of a Before, During, After Lesson-
planning Template60
Figure 8: Example of an I Do, We Do, You Do Lesson-
planning Template61
Figure 9: Jon Bergmann's Representation of Bloom's
Taxonomy66
Figure 10: How to Set Up a Page for Cornell Notes 87
Figure 11: Technology for Making and Hosting Videos in
the Individual Space104
Figure 12: Jon Bergmann Using a Lightboard to Annotate
a Diagram of a Lightboard107
Figure 13: Homepage for a Course at MEF112

Figure 14: Content Page for a Course at MEF	. 113
Figure 15: MEF University Recording Studio	. 116
Figure 16: MEF University Library	. 126
Figure 17: MEF Flipped Classroom Design	. 139
Figure 18: MEF Flipped Classroom	. 140
Figure 19: Building the Pedestrian Bridge at Ayazağa	
Primary School – Before	149
Figure 20: Building the Pedestrian Bridge at Ayazağa	
Primary School – After	149
Figure 21: Recommended Placement of Types of	
Assessment (for, as, of) in Flipped Learning	178
Figure 22: Seven Principles of Good Feedback That	
Support	185
Figure 23: GEEFL	202

Foreword

When I developed Peer Instruction and first flipped my classroom back in 1991, I never imagined a revolution was about to happen in education. I was simply trying to solve a problem in my own classroom — I discovered that the students in my class at Harvard were relying on memorization and rote problem solving rather than developing critical thinking skills and deep understanding. I decided to throw the information transfer out of the classroom and developed an active form of learning called Peer Instruction, which has been shown to greatly increase learning gains across a wide range of disciplines and educational settings, from elementary to post-secondary education.

Looking back, I was hardly the first one to "flip" learning. As any scholar of antiquity knows, lectures did not exist at the school of Athens. Education involved discourse, not merely transfer of information. With the founding of the European model of the university, discourse and active engagement were thrown out of the classroom and lecture became the predominant form of "education" — an "inverse flip," if you want! Perhaps the first incarnation of flipped learning dates back to the late 19th century when the Harvard Law school transformed legal education by introducing the case method. The method later spread to Business Schools.

In the past decades, Flipped Learning has been widely adopted across the globe and there are likely to be as many ideas of what Flipped Learning entails as there are people talking about it. Some think that just having students watch prerecorded videos constitutes Flipped Learning. The big question, however, is what happens inside the classroom, and what the roles of both the teacher and the students are in the learning process. Over the past year, 100 experienced Flipped Learning educators from 49 countries collaborated to identify a coherent set of global best practices. The practices were articulated and adopted as global standards for implementing Flipped Learning at many different levels by the Academy of Active Learning arts and Sciences (see aalasinternational.org). This book is based on those standards.

In this book, Muhammed Şahin and Caroline Fell Kurban present a new university model — one with Flipped Learning at its core. The model involves a comprehensive learning design that engenders deep and lifelong learning across the entire higher-education landscape. As the authors show, it's not enough just to flip the learning. One needs to rethink assessment, consider student motivation, learning spaces, and the role of technology in support of pedagogy. Finally, we must be as scholarly about our approaches to education as we are in our disciplinary fields. The book is a must-read for any innovative educator or higher-education administrator.

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