

Supplemental Material

CBE—Life Sciences Education

Wright *et al.*

Supplemental Table 1. Introductory and Advanced Biology Textbooks used in all three phases of the study. Title, author list, publisher and date are reported for each textbook used. The total number of figures used for each of the three stages is listed. Note, only 9 textbooks were used for the Themes study.

	Textbook	Author(s)	Publisher (Year)	Themes	Initial Framework	Landscape Framework
Introductory	<i>Principles of Life</i>	David Hillis, David Sadava, Craig Heller & Mary Price	Sinauer Associates (2012)	18	68	106
	<i>Biological Science</i> 6th Edition	Scott Freeman, Kim Quillin, Lizabeth Allison, Michael Black, Greg Podgorski, Emily Taylor & Jeff Carmichael	Pearson Education (2017)	24	55	122
	<i>Campbell Biology In Focus</i> 2nd Edition	Michael Cain, Lisa Urry, Steven Wasserman, Peter Minorsky, Jane Reece	Pearson Education (2016)	24	63	132
	<i>Biology</i> 10th Edition	Eldra Solomon, Charles Martin, Diana Martin & Linda Berg	Cengage Learning (2015)	20	55	99
	<i>Discover Biology</i> 6th Edition	Anu Singh-Cundy & Gary Shin	W.W. Norton & Company (2015)	9	21	64
	<i>Biology Now</i> 2nd Edition	Anne Houtman, Megan Schudellari, & Cindy Malone	W.W. Norton & Company (2018)	9	16	46
Advanced	<i>World of the Cell</i> 9th Edition	Jeff Hardin & Gregory Bertoni	Pearson Education (2016)	23	116	189
	<i>Principles of Cell Biology</i> 2nd Edition	George Plopper	Jones & Bartlett Learning (2016)	12	54	68
	<i>Lewin's Essential Genes</i> 3rd Edition	Jocelyn E Krebs, Elliott S Goldstein, & Stephen T Kilpatrick	Jones & Bartlett Learning (2012)	41	559	468
	<i>Molecular Cell Biology</i> 8th	Harvey Lodish, Arnold Berk, Chris Kaiser, Monty Krieger,	W.H. Freeman and Company	N/A	192	235

	Edition	Anthony Bretscher, Hidde Ploegh, Angelika Amon, & Kelsey Martin	(2016)			
	<i>Principles of Genetics</i> 7th Edition	D. Peter Snustad & Michael Simmons	John Wiley & Sons (2016)	N/A	309	266
	<i>Essential Genetics A Genomic Perspective</i> 6th Edition	Daniel L. Hartl	Jones & Bartlett Learning (2014)	N/A	228	251
Total				170	1,736	2,046