



**AP<sup>®</sup> Statistics Course Framework (CF)\* Alignment to  
Starnes/Tabor, *The Practice of Statistics* for the AP<sup>®</sup> Exam 6th edition**

CF Unit	CF Unit Title	TPS 6e	Recommendations
1	Exploring One-Variable Data	Chapters 1 and 2	
2	Exploring Two-Variable Data	Chapter 3 <i>plus</i> Section 12.2 <b>Note: TPS covers bivariate categorical data in Section 1.1.</b>	Teach Section 12.2 Transforming to Achieve Linearity after Section 3.2. (CF Topic 2.9)
3	Collecting Data	Chapter 4	
4	Probability, Random Variables, and Probability Distributions	Chapters 5 and 6	
5	Sampling Distributions	Chapter 7 <i>plus first subsection of 10.1 and first subsection of 10.2</i> <b>Note: TPS covers continuous random variables in Chapter 6.</b>	<ul style="list-style-type: none"> <li>At the end of Section 7.2, insert “The Sampling Distribution of a Difference Between Two Proportions” from Section 10.1 with associated exercises. (CF Topic 5.6)</li> <li>At the end of Section 7.3, insert “The Sampling Distribution of a Difference Between Two Means” from Section 10.2 with associated exercises. (CF Topic 5.8)</li> </ul>
6	Inference for Categorical Data: Proportions	Sections 8.1, 8.2, 9.1, 9.2, 10.1	<ul style="list-style-type: none"> <li>Teach TPS Chapters 8, 9, and 10 <b>in order</b>.</li> <li>Use Personal Progress Check (PPC) items in question bank for individual topics in the CF during each chapter as follows: Chapter 8: CF Topics 6.1–6.3, 7.1–7.3 Chapter 9: CF Topics 6.4–6.7, 7.4–7.5 Chapter 10: CF Topics 6.8–6.11, 7.6–7.10</li> <li>Give pre-built PPC Unit 6 assessment after Section 10.1.</li> <li>Give pre-built PPC Unit 7 assessment after Section 10.2.</li> </ul>
7	Inference for Quantitative Data: Means	Sections 8.3, 9.3, 10.2, 10.3	
8	Inference for Categorical Data: Chi-Square	Chapter 11	
9	Inference for Quantitative Data: Slopes	Section 12.1	