**AP Statistics – Chapter 4 Assignments**

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| **Date** | **Topic** | **Assignment** |
|  | 4.1A Introduction, Sampling  and Surveys, How to Sample  Badly, How to Sample Well:  Random Samples | **Read 205-215**  Do 1, 3, 5, 7, 9, 11 |
|  | 4.1B Other Sampling Methods | **Read 215-219**  Do 17, 19, 21,23, 25 |
|  | 4.1C Inference for Sampling,  Sample Surveys: What Can  Go Wrong? | **Read 220-225**  Do 27, 28, 29, 31, 33, 35 |
|  | 4.2A Observational Studies vs.  Experiments, The Language  of Experiments, How to  Experiment Badly | **Read 231-236**  Do 37-42, 45, 47, 49, 51, 53 |
|  | Quiz 4.1 |  |
|  | 4.2B How to Experiment Well,  Three Principles of  Experimental Design | **Read 236-242**  Do 57, 63, 65, 67 |
|  | 4.2C Experiments: What Can  Go Wrong? Inference for  Experiments | **Read 242-246**  Do 69, 71, 73, 75\* |
|  | 4.2D Blocking, Matched Pairs  Design | **Read 246-252**  Do 77, 79, 81,85 |
|  | 4.3A Scope of Inference, the  Challenges of Establishing  Causation | **Read 261-265**  Do 91-98, 102-108 |
|  | 4.2 Class Experiments | Do 55, 83, 87,89 |
|  | Chapter 4 Review |  |
|  | Chapter 4 Test (MC) |  |
|  | Chapter 4 Test (FR) |  |
|  | Chapter 1-4 Cumulative Test |  |