

Unit 1 – Exploring and Understanding Data (Chapters 1-6)

Section & Day	Pages	Topics	Assignment
Ch.1-3 Day 1	p.2-6 p.7-16 p.20-24	What is stat?; data tables; 5W's&H; counts; frequency tables; area principle; bar and pie charts	p.16: # 1, 3, 7-8, 14-15, 19, 21, 25 p.37: # 5-11 odd, 12, 15
Ch.3 Day 2	p.24-37	Contingency tables (2-way); marginal and conditional distributions; segmented bar chart; Simpson's Paradox	p.37: # 21-25 odd, 37-38
Ch.4 Day 3	p.44-52	Histogram; stemplot; dotplot; center, shape, and spread of data	p.72: # 5-10, 32-37, 41-44
Ch.4 Day 4	p.52-58	Median; range; upper and lower quartiles; 5 # summary; mean; resistance to outliers	p.72: # 11-14, 27-28
Ch.4 Day 5	p.58-68	Standard deviation and variance; timeplots	p.72: # 15-25 odd, 22, 29-31, 46-47, 50
Ch.5 Day 6	p.80-89	Boxplots; outlier test; comparing distributions; cumulative frequency graph	p.95: # 5-6, 8-9; 11-12, 15-16, 20-21, 23, 25, 29
Ch.6 Day 7	p.104-113	Transformations of data; z-scores; normal distribution; 68-95-99.7 Rule	p.129: # 1-9 odd, 13, 15, 25, 29, 31, 35
Ch.6 Day 8	p.114-123	Normal distribution probabilities; inverse normal distribution; percentiles	Worksheet
Ch.6 Day 9	p.114-123	Additional practice involving the normal distribution	p.129: # 37-47 odd
Review Day 10	p.135-143	Review for Unit 1 Test – complete extra multiple choice questions and book problems	p.135: # 1, 3, 6-11, 14-15, 19, 23-24, 27-28, 33-34, 37-38
Test Day 11		<u>UNIT 1 TEST</u>	

DO NOT GET BEHIND!