Hattiesburg Public School District
Algebra 1 Mathematics Units
2015 – 2016

Unit 13: Statistics	Time Frame: 5 Weeks (April 18 – May 29)
Content Standards	**Standards for Mathematical Practice**
Major Standards	**(1) Make sense of problems and persevere in solving them.**
	(2) Reason abstractly and quantitatively.
Supporting Standards	(3) Construct viable arguments and critique the reasoning of others.
S-ID.B.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.*	(4) Model with mathematics.
	(5) Use appropriate tools strategically.
Additional Standards	(6) Attend to precision.
S-ID.A.1 Represent data with plots on the real number line (dot plots, histograms, and box plots).*	(7) Look for and make use of structure.
S-ID.A.2 Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.*	(8) Look for and express regularity in repeated reasoning.
S-ID.A.3 Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).*	****Note: MPs taken from the Flip Book by McGraw Hill.****
Pre-requisite Standards	

Lesson 1	Lesson 2	Lesson 3	Lesson 4	Lesson 5
Lesson 6	**Lesson 7**	**Lesson 8**	**Lesson 9**	**Lesson 10**