Math 3 Honors Unit 1 Calendar - Statistics

Essential Questions:
1. To what extent can people predict the future?
2. How should you choose a fair sample to represent a large population?
3. When error is unavoidable in measurement, what margins of error are tolerable?

NAME _____

Day	Date	Topic	State Standards	I Can…	HW
M	27-Aug	Get To Know You Activity Pre-Assessment		-call my classmates by name. -recognize previous math topics that I need to review and find resources to review them.	Pre-Assessment part 2 (ODDS) DeltaMath Pre-Req Quiz DUE in ONE WEEK
T	28-Aug	Types of Sampling & Study (MVP 8.5 & 8.6 Lesson)	-NC.M3.S-IC.1 -NC.M3.S-IC.3	-explain the purposes and the differences of sample surveys, observational studies, and experiments, including how randomization applies to each.	Pre-Assessment part 2 (EVENS) Day 2 HW (8.5 & 8.6 ODDS)
W	29-Aug	Types of Bias		-identify bias in questions and rephrase questions to remove the bias.	Day 3 HW
R	30-Aug	Parameter & Statistic		-distinguish between a sample (statistic) and a population (parameter).	Day 4 HW
F	31-Aug	Quiz (Day 2-3) Simulations to Model Random Events (MVP 8.7 Lesson)	-NC.M3.S-IC.4 -NC.M3.S-IC.5	-use data from a sample survey to estimate a population mean or proportion with a margin of error. -set up and complete a simulation re-randomizing the groups.	Day 5 HW
M	3-Sep	NO SCHOOL			DeltaMath Pre-Req DUE by midnight!
T	4-Sep	Margin of Error			Day 6 HW
W	5-Sep	Unit 1 Performance Task Project (Test Grade!)	-NC.M3.S-IC.6	-determine how results of a statistical study can be generalized to make conclusions about a population based on the sample.	**Gather respones for Part 4**
R	6-Sep	Continue Unit 1 Performance Task Project (Test Grade!)			Finish Project