

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
T	22-Jan	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) <b>DeltaMath Pre-Req Quiz DUE in ONE WEEK</b>
W	23-Jan	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)
R	24-Jan	Types of Bias		-identify bias in questions and rephrase questions to remove the bias.	Day 3 HW
F	25-Jan	Parameter & Statistic		-distinguish between a sample (statistic) and a population (parameter).	Day 4 HW
M	28-Jan	Quiz (Day 2-3) Simulations to Model Random Events (MVP 8.7 Lesson)	-NC.M3.S-IC.4 -NC.M3.S-IC.5	-set up and complete a simulation re-randomizing the groups	Day 5 HW
T	29-Jan	Margin of Error		-use data from a sample survey to estimate a population mean or proportion with a margin of error.	Day 6 HW <b>DeltaMath Pre-Req DUE by midnight!</b>
W	30-Jan	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.	<b>Gather responses for Part 4</b>
R	31-Jan	Continue Unit 1 Performance Task Project (Test Grade!)			Finish Project