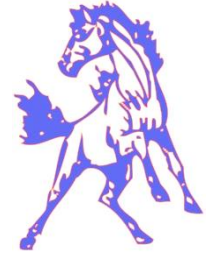




## MVHS LESSON PLANS



TEACHER : GREENWALD SUBJECT: PROB & STATS CP PERIODS: 2<sup>ND</sup>, 4<sup>TH</sup>, 6<sup>TH</sup> & 7<sup>TH</sup> WEEK OF: 1/6/20 – 1/10/20

| Date             | Unit/Section | Essential Question  | SCCCR Standards         | Learning Objectives   | Lesson / Assignment  | Assessment   |
|------------------|--------------|---|-------------------------|---|--|--|
| Monday<br>1/6    | Unit 3       | Why do the different ways of collecting data influence the conclusions we draw? | PS.SPMJ.3,<br>PS.SPMJ.6 | TSWBAT explain how a non-random sample introduces bias, including the direction of the bias. TSWBAT identify survey questions that introduce bias and revise them to remove bias. | Bias in Sampling Guided Notes<br><br><b>CW/HW:</b> Ch. 10 #3-8, 17-18 (pg. 236-237)                            | Student work<br>Student questions<br>Teacher observation |
| Tuesday<br>1/7   | Unit 3       | Why do the different ways of collecting data influence the conclusions we draw? | PS.SPMJ.3<br>PS.SPMJ.6  | TSWBAT select simple random, stratified, cluster and systematic samples.  | Review of Random Sampling Methods<br><br><b>CW/HW:</b> Sampling Methods Card Sort                              | Student work<br>Student questions<br>Teacher observation |
| Wednesday<br>1/8 | Unit 3       | Why do the different ways of collecting data influence the conclusions we draw? | PS.SPMJ.3<br>PS.SPMJ.6  | TSWBAT explain the difference between sampling error and bias. TSWBAT write an unbiased survey question.  | What is Sampling Error?<br><br>Unit 3 Survey Project Introduction<br><br><b>CW/HW:</b> Unit 3 Project Proposal | Student work<br>Student questions<br>Teacher observation |
| Thursday<br>1/9  | Unit 3       | Why do the different ways of collecting data influence the conclusions we draw? | PS.SPMJ.3<br>PS.SPMJ.6  | TSW review random sampling methods and types of sampling bias to prepare for a quiz.  | Sampling Method Pros & Cons<br>Review for Unit 3 Quiz 1<br><br><b>CW/HW:</b> Study for quiz                    | Student work<br>Student questions<br>Teacher observation |
| Friday<br>1/10   | Unit 3       | Why do the different ways of collecting data influence the conclusions we draw? | PS.SPMJ.3<br>PS.SPMJ.6  | TSW demonstrate knowledge of sampling methods and bias.   | <b>Unit 3 Quiz 1</b><br><br><b>Project Proposal Due</b>  | Quiz results<br>Student questions<br>Teacher observation |