

Name: Kristoffer Van Atten		Grading Quarter: Q1	Week Beginning: 8/7/2023
School Year: 23-24		Subject: AP Biology	
Monday	Notes:	<p>Objective: SWBAT write, compare and contrast, between hypothesis, null hypothesis and alternative hypothesis; Identify and differentiate between the control group and experimental group of experiments; identify positive and negative controls.</p> <p>Lesson Overview: students take notes in their Interactive notebooks. Using experiments described in past AP bio FRQs, identify and write about the various parts of the experiment.</p>	Academic Standards: Experimental design, foundational skills
Tuesday	Notes:	<p>Objective: SWBAT describe and construct various methods of graphing, understanding which graphs are best suited to the data sets given or derived. ID and explain independent and dependent variables. Construct Box-and whisker plots.</p> <p>Lesson Overview: Students take notes in their interactive notebooks. Students construct a line graph from a data set. Students then calculate the Quartiles and Mean of data sets to construct box-and-whisker plots.</p>	Academic Standards: Foundational Skills
Wednesday	Notes:	<p>Objective: SWBAT calculate the standard deviation of a data set and express what that number means to the data set</p> <p>Lesson Overview: Students take notes in their interactive notebooks Students calculate the Standard Deviation of various data sets and express as the deviation of each number from the mean</p>	Academic Standards: Foundational Skills
Thursday	Notes:	<p>Objective: SWBAT calculate the standard error of the mean and express those errors as bars on a graph and use statistical analysis to justify claims of experiments described in past FRQs.</p> <p>Lesson Overview: Students take notes in interactive journal and apply those notes to past FRQs.</p>	Academic Standards: Foundational Skills
Friday	Notes:	<p>Objective: No School</p> <p>Lesson Overview:</p>	Academic Standards:

