MR. ALBERNAZ – PRE-AP (A DAY) AND REGULAR (B DAY) CHEMISTRY

AGENDAS FOR THE WEEK: *10/9 – 10/13*

	MONDAY (A DAY) 10:34AM-12:03PM	TUESDAY (B DAY) 10:34AM-12:03PM	WEDNESDAY (A DAY) 10:34AM-12:03PM	THURSDAY (B DAY) 10:34AM-12:03PM	FRIDAY (A DAY) 10:40AM-12:15PM
	Staff Development Day	**Objective(s): SWBAT** ***use dimensional analysis to convert between customary and metric units** ***perform more complicated dimensional analysis calculations using compounds units**	**PSAT Testing**	**Objective(s): SWBAT** ***identify measurements as either accurate or precise using multiple data collecting methods** ***show the difference between accurate measurements and precise measurements using the target example** ***calculate percent error using measurements given to or collected by the students**	**Objective(s): SWBAT** ***denote numbers with correct significant figures given a measurement device (ruler, scale, etc)** ***write numbers with correct significant figures given numbers in a calculation** ***write numbers in scientific notation using correct significant figures**
P		**Students will briefly review dimensional analysis with some examples relating to everyday life; students will be prompted with considering miles per gallon, etc.**		**Students will complete a warm up regarding measurements. Students will then be asked to consider the ramifications of accuracy and precision in real life. How are cars made safe? How do they measure safety features, and how important are accuracy and precision in these industries?**	**Students will complete a warm up regarding accuracy and precision. Students will then watch a short video on scientific notation and significant figures.**
L **A**		**Students will complete a group activity involving zombie apocalypse survival a la the Walking Dead. In groups, students will work on converting different units that will aid in their survival for this scenario.**		**Students will complete a short page of guided notes on the differences between accuracy and precision. They will then work in lab groups to complete a worksheet activity that allows students to see the difference between accuracy and precision with several examples.**	**Students will complete guided notes on scientific notation and significant figures. Students will then work on a worksheet about these two topics with their lab partners.**

N		**Students will turn in their activity worksheets to be used as an evaluation. In addition, student questions throughout the lesson will gauge understanding as the activity progresses.**		**Students will turn in their activity worksheets to be used as an evaluation. In addition, student questions throughout the lesson will gauge understanding as the activity progresses.**	**Students will turn in their worksheets as an evaluation of the work they completed during the period.**