Lab #1: Quick Ache Relief Lab

Challenge:	
onunenge.	
Overall Methodology and Chemical Concept (including Chemic	al Reaction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give you a higher than actual and one that will give	
you a lower than actual value.	

Lab #2: Green Chemistry Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Re	eaction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give	e you a higher than actual and one that will give
you a lower than actual value.	

Lab #3: Qualitative Analysis Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Read	ction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give y	ou a higher than actual and one that will give
you a lower than actual value.	-

Lab #4: Hydrates Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Reac	tion if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give you a lower than actual value.	ou a higher than actual and one that will give

Lab #5: Titration Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Concept)	mical Reaction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that you a lower than actual value.	will give you a higher than actual and one that will give
5-4-4	

Lab #6: Calorimetry Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Read	 ction if applicable):
0.0101011111000000000000000000000000000	
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give you a higher than actual and one that will give you a lower than actual value.	

Lab #7: PES Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical React	tion if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Frror Analysis: Hint: List and explain at least one error that will give yo	ou a higher than actual and one that will give
Error Analysis: Hint: List and explain at least one error that will give you a higher than actual and one that will give you a lower than actual value.	

Lab #8: VSEPR Online Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical React	cion if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give yo you a lower than actual value.	u a higher than actual and one that will give

Lab #9: Molar Mass of a Volatile Liquid Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical React	cion if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give you a higher than actual and one that will give you a lower than actual value.	

Lab #10: Evaporation and IMF Lab

Challenge:	
Overall Methodology and Chemical Concept (including C	——————————————————————————————————————
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
rottitula and calculations.	
Frror Analysis: Hint: List and explain at least one error th	hat will give you a higher than actual and one that will give
you a lower than actual value.	nut will give you a migner whan account and one offer miss give

Lab #11: Kinetics Lab

Challenge:		
Overall Methodology and Chemical Concept (including Chemical Re	eaction if applicable):	
Equipment Set Up:	Particulate Level Diagrams (if applicable):	
Formula and Calculations:		
Error Analysis: Hint: List and explain at least one error that will give	you a higher than actual and one that will give	
you a lower than actual value.		

Lab #12: Equilibrium Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Rea	iction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give y you a lower than actual value.	you a higher than actual and one that will give

Lab #13 Ka of a Weak Acid Lab

Challenge:	
Overall Methodology and Chemical Concept (including Che	mical Reaction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that	will give you a higher than actual and one that will give
you a lower than actual value.	

Lab #14: Hydrolysis Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chem	nical Reaction if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that v you a lower than actual value.	will give you a higher than actual and one that will give

Lab #15: Ksp Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Reacti	on if applicable)
overall methodology and elicinical concept (including chemical reacti	on appreadicy.
Equipment Set Up:	Particulate Level Diagrams (if applicable) :
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give you	a higher than actual and one that will give
you a lower than actual value.	

Lab #16: Electrochemistry Lab

Challenge:	
Overall Methodology and Chemical Concept (including Chemical Rea	action if applicable):
Equipment Set Up:	Particulate Level Diagrams (if applicable):
Formula and Calculations:	
Error Analysis: Hint: List and explain at least one error that will give y you a lower than actual value.	you a higher than actual and one that will give