

RRGSD Remote Instruction Learning Plan

Dates: September 4- September 18, 2020

Statement of Goals and Objectives: <i>(Learning Targets in Student & Parent-Friendly Language)</i>	<ul style="list-style-type: none"> Students will be able to distinguish between alpha, and beta nuclear particles, and gamma radiation. They will be able to distinguish between the nuclear fission and fusion. They will be able to balance nuclear equations and determine half-life through calculations. They will continue participating in live sessions with google meets, submitting assignments, recording attendance, and other established class norms.
Topic(s)/Concept & NC Standard Course of Study: <i>Topic(s)/Concept and the correlating content standards addressed)</i>	<ul style="list-style-type: none"> 1.1.1 - Analyze the structure of atoms, ions, and isotopes 1.1.4 - Explain the process of radioactive decay using nuclear equations and half-life
Social-Emotional Focus	Time during the end of live sessions to address student concerns and needs. Daily check ins include a place for students to indicate any help they may need. There is also a place for the student to tell the teacher anything (school or life related) that they may want me to know.

Daily Agenda: Including assignments and due dates

Date:	Virtual/Remote	Check-In Times for Virtual:
Monday 9/14	Virtual Live Session: <ul style="list-style-type: none"> Nuclear Chemistry and Balancing Nuclear Equations Remote: <ul style="list-style-type: none"> APEX 10.3.1:Fission, Fusion and Radioactive Decay with study sheet due Tue 9/15 	Live Session 1 pm Office Hours: 10:00-11:00 and 2:00-3:00
Tuesday 9/15	Remote: <ul style="list-style-type: none"> Practice Balancing Equations due Wed 9/16 APEX 10.3.2 Quiz: Fission, Fusion and Radioactive Decay due Wed 9/16 	Office Hours: 8:30-9:30 and 2:00-3:00
Wednesday 9/16	Remote: <ul style="list-style-type: none"> APEX 10.3.3 Half-life Video Lesson: Half-life Calculations Practice Half-life problems due Thu 9/17 	Appointment times available HERE . Office Hours: 9:00-10:00 and 2:00-3:00
Thursday 9/17	Virtual Live Session: <ul style="list-style-type: none"> Discuss applications of nuclear chemistry Review for test Remote: <ul style="list-style-type: none"> Radicals Quiz #1 (really this time it will work!!) due Thu 9/17 	Live Session 10:30 am Office Hours: 9:30-10:30 and 2:00-3:00

Teacher Name: Mrs. Kelly Sparks

Subject: Honors Chemistry

	- Unit 2 Practice Test	
Friday 9/18	Remote: - Unit 2 Test <ul style="list-style-type: none">- Atomic Structure and History- “APE MAN”- Ions & Isotopes- Average Atomic Mass- Alpha, Beta and Gamma Radiation- Nuclear Fusion vs Nuclear Fission- Half-life Reactions- <i>Metric Conversions*</i>- <i>Density Calculations*</i>- <i>Significant Figures and Scientific Notation*</i> <i>*These topics from Unit 1 will be included but not the focus of this test.</i>	Office Hours: 9:00-10:00 and 2:00-3:00

Assessment:

How will I be assessing my students throughout this week?

Formative Assessment(s)	Radicals Quiz, APEX Quiz, practice worksheets
Summative Assessment(s)	Unit 2 Test
How will I know my students have mastered the content from this week?	Class discussion, submitted practice assignments,

Additional Resources:

If a student needs additional support, below are resources that will assist with the material being taught.

Topic/Concept	Website/Location resource can be found
	Seneca Learning Khan Academy CK-12 Chemistry Online Textbook