

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

AGENDAS FOR THE WEEK: 10/20 – 10/27

	<b>MONDAY (A DAY)</b> 10:34AM-12:03PM	<b>TUESDAY (B DAY)</b> 10:34AM-12:03PM	<b>WEDNESDAY (A DAY)</b> 10:34AM-12:03PM	<b>THURSDAY (B DAY)</b> 10:34AM-12:03PM	<b>FRIDAY (A DAY)</b> 10:40AM-12:15PM
	Objective(s): SWBAT *calculate energy, wavelength, and frequency for different light problems *identify the parts of the electromagnetic spectrum and order them by energy	Objective(s): SWBAT *calculate energy, wavelength, and frequency for different light problems *identify the parts of the electromagnetic spectrum and order them by energy	Objective(s): SWBAT *use color and atomic emission spectra to identify elements *carry out a science experiment using safe lab procedures when fire and chemicals are involved	Objective(s): SWBAT *use color and atomic emission spectra to identify elements *carry out a science experiment using safe lab procedures when fire and chemicals are involved	Objective(s): SWBAT *write electron configurations for various elements on the periodic table *use laws like Pauli exclusion principle to place electrons in correct orbitals
<b>P</b>	Students will complete a warm-up on the electromagnetic spectrum. Students will be asked to consider light in the context of energy, medicine, science, etc. to get them thinking about EMR.	Students will complete a warm-up on the electromagnetic spectrum. Students will be asked to consider light in the context of energy, medicine, science, etc. to get them thinking about EMR.	Students will complete a warm up the calculations of the electromagnetic spectrum from last class. Students will then be prompted to think about how scientists find out information regarding stars in space using emission spectra.	Students will complete a warm up the calculations of the electromagnetic spectrum from last class. Students will then be prompted to think about how scientists find out information regarding stars in space using emission spectra.	Students will review concepts presented in the flame test lab. Students will then complete a quiz on the electromagnetic spectrum. Students will watch a short video on electronic configuration.
<b>L A</b>	Students will finish the notes left incomplete from last time. Students will then practice EMR calculations from their POGIL activity last class and with a worksheet containing different problems regarding light.	Students will finish the notes left incomplete from last time. Students will then practice EMR calculations from their POGIL activity last class and with a worksheet containing different problems regarding light	Students will move to their lab stations with a flame test lab and follow the procedure. Students will use open flames to observe emission color for different cations, then use the colors they observed from known cations to identify unknowns.	Students will move to their lab stations with a flame test lab and follow the procedure. Students will use open flames to observe emission color for different cations, then use the colors they observed from known cations to identify unknowns.	Students will complete guided notes on electronic configuration. Students will then work in their lab groups to complete a worksheet on electron configurations.
<b>N</b>	Students will turn in their activity worksheets to be used as an evaluation. In addition, student questions throughout the	Students will turn in their activity worksheets to be used as an evaluation. In addition, student questions throughout the lesson will gauge	Students' lab activity will be collected to evaluate student understanding on emission spectra using flame tests.	Students' lab activity will be collected to evaluate student understanding on emission spectra using flame tests.	Students will turn in their activity worksheets to be used as an evaluation. In addition, student questions throughout the lesson will gauge

	lesson will gauge understanding as the activity progresses.	understanding as the activity progresses.			understanding as the activity progresses.
--	---	---	--	--	---