

Teacher Name:

Subject:

Mr. Edwards Earth Science
RRGSD Remote Instruction Learning Plan

Dates: 8/24 - 8/28

Statement of Goals and Objectives: <i>(Learning Targets in Student & Parent-Friendly Language)</i>	Students will learn about the origin of the universe and solar system. They will understand how the Earth moves in the solar system and why we have seasons and how the moon affects the tides on earth. They will also learn about the composition of the sun and how the sun produces energy.
Topic(s)/Concept & NC Standard Course of Study: <i>Topic(s)/Concept and the correlating content standards addressed)</i>	1.1.1 Explain the earth's motion through space including precession, nutation, barycenter and its path about the galaxy. 1.1.2 explain how the earth's rotation and revolution about the sun affect its shape and is related to seasons and tides 1.1.3 explain how the sun produces energy which is transferred to the earth by radiation 1.1.4 explain how incoming solar energy makes life possible on earth
Social-Emotional Focus	

Daily Agenda: Including assignments and due dates

Date:	Virtual/Remote	Check-In Times for Virtual:
Monday	Intro to unit/ webquest	8:45 Office Hour 10:00 Google Meet period 1 2:30 Office Hour
Tuesday	How we study Space ppt pre-recorded and posted with guided notes Vocabulary Quiz	8:45 Office Hour 10:00 Google Meet period 3 1:00 Google Meet period 4 2:30 Office Hour
Wednesday	Earth's tilt and motions ppt recorded and posted	8:45 Office Hour 10:00-12:00 Appointments 1:00-2:00 Appointments 2:30 Office Hour
Thursday	Moon effects ppt recorded and posted	8:45 Office Hour 1:00 Google Meet period 1 2:30 Office Hour
Friday	Beyond our Solar System ppt recorded and posted Vocabulary Quiz	8:45 Office Hour 10:00 google meet 1:00 Google Meet 2:30 Office Hour

Assessment:

How will I be assessing my students throughout this week?

Formative Assessment(s)	Quizzes, note completion, q/a in live session
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Summative Assessment(s)	No big test this week
How will I know my students have mastered the content from this week?	If they are scoring 70 and above on quizzes and answering correctly on Q/A in live chats.

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
Earth's Motions	https://en.wikibooks.org/wiki/High_School_Earth_Science/Earth%27s_Motions
Solstice/Equinox	http://www.weather.gov/cle/Seasons
Moon and tides	http://www.enchantedlearning.com/subjects/astronomy/moon/Phases.shtml
Sun	http://www.enchantedlearning.com/subjects/astronomy/sun/sunspots.shtml http://www.astronomynotes.com/starsun/s2.htm
Kepler's Three Laws	http://www.physicsclassroom.com/class/circles/Lesson-4/Kepler-s-Three-Laws
Solar System	http://www.allaboutspace.com/subjects/astronomy/solarsystem/index.shtml
Stars	http://www.astro.keele.ac.uk/workx/starlife/StarpagesS_26M.html
Big Bang Theory and evidence	http://www.big-bang-theory.com/ https://www.youtube.com/watch?v=y5tKC3nEx2I