

Ms. Shehadeh/ Mrs. Lewis... Subject: Earth/Environmental Science... Grade Level:HS

	Unit/Lesson/Concept	Objectives	CC Standard	Assessments & Projects
Aug.	Unit 1: <ul style="list-style-type: none"> • The Nature of Science • Ted Talk on sustainable farming • <u>Earth Science text:</u> • Ch1: • Define Earth and Environmental Science (ES) • 5 major Specialization areas in ES with 4 Earth's systems • Technologies and subspecialties (careers) in ES • Scientific Method • Parts of an Experiment • Law vs Theory • Metric System measure/convert • Essential Standard introduction: Biomes in NC: Biotic, Abiotic, and Biodiversity. 	EEn. 2.7 Explain how the lithosphere, hydrosphere, and atmosphere individually and collectively affect the biosphere. (lithosphere = geosphere)	EEn.2.7.1 Explain how abiotic and biotic factors interact to create the various biomes in North Carolina. EEn.2.7.2 Explain why biodiversity is important to the biosphere. EEn.2.7.3 Explain how human activities impact the biosphere.	<ul style="list-style-type: none"> ➤ (8/26) Topic: Importance of sustainable resources: TED talk notes to complete for HW grade: "ted_student_notes" http://www.ted.com/talks/dan_barber_how_i_fell_in_love_with_a_fish (8/30) Text book, Chapter 1. "The Nature of Science" <ul style="list-style-type: none"> ➤ "1_Ch_ES_notes" (Minor assessment grade) ➤ Short investigation/report on Technologies or Subspecialties in ES (due 9/1) (9/1) Students report on technology or Subspecialty. (Minor assessment grade) <ul style="list-style-type: none"> ➤ Scientific Method "ScientificMethod" ➤ Measurements "03- Metric system" ➤ Practice metric conversion and density calculations. (Minor assessment grade) (9/2) Lab to practice Scientific Method (Minor assessment grade) (9/6) Essential Standards for NC: Biomes_Student_ES_notes to complete for HW grade: "Biomes_Student_ES_notes" https://prezi.com/swbugwrhya6x/biomes-in-north-carolina-biotic-abiotic-and-biodiversity/ (9/8) Review : Overall evaluation of materials by completing study guide from notes... (Minor assessment grade)

