Lesson Plan

Name:_____Erica Hoffman_____ **Subject:**__Biology: Ecology--Climate___**Date:**__Unit Day 12__

Length of Lesson: 54 minutes

Co-teaching Strategy: Parallel Teaching

Vision Statement:
    As a professional educator, I join with a rich and varied community of learners in the pursuit of positively impacting students' lives. As I believe every student has incredible value, I strive to create a safe learning environment in which each student is respected, encouraged to explore, and supported in his or her development. Through a variety of learning methods, students will be equipped with skills and knowledge needed to thrive as upstanding citizens. In addition to these essentials, students will be guided in developing their voice and character. Students must learn to monitor their own thought processes as they respond to critical issues in a global society, learning to apply their knowledge through action.

Big Idea/Essential Questions	Content and Academic Language Learning Targets "Students Will Be Able To" learning and behavioral targets	Assessment You must have an assessment (formal and/or informal) for every Content and Academic Language learning target	Connections to EALRs/GLEs/PEs State-District-Grade Level
Enduring Understanding(s): Living and nonliving factors constantly interact to maintain a balance that is affected by any action within the ecosystem. **Essential Questions(s):** How do living and nonliving factors interact to form or	Content Objectives: SWBAT identify factors that affect global climate. SWBAT describe the impact of climate on the survival of an organism. Academic Language:	*Pre:* --Think, Pair, Share handout --Unit Vocabulary Pre-assessment sheet. *Formative:* --Student-generated diagrams— Students will label diagrams that depict how greenhouse gases trap heat and why solar energy	Science *EALR 4: Life Science 2, Ecosystems* 9-11 LS2E Interrelationships of organisms may generate ecosystems that are stable for hundreds or thousands of years. Biodiversity refers to the different kinds of organisms in