

PROJECT OVERVIEW

Inspired by the film: In this selected clip from *A Climate for Change*, we are introduced to the challenging parameters, unique vulnerabilities, and competing issues affecting the food system in Hawai'i through the stories and perspectives of individuals and communities living in the midst of the COVID-19 Pandemic; we learn that although there is no easy, single solution to addressing food security and regenerating a healthy relationship to food and our environment, it is imperative that individuals and communities work to create a balance between their wants, needs and the dynamic parameters of the whole system for the benefit of the land and environment.

<p>ESSENTIAL QUESTION for the PROJECT:</p>	<p>How can individuals and communities reduce the ecological and carbon footprint of their diets (“foodprint”) while balancing wants, needs and a community’s parameters?</p>	
<p>PROJECT OVERVIEW:</p>	<p>Students will explore the concepts of ecological and carbon footprints, and how they relate to our diets and the food system. They will examine the environmental impacts of their own food choices through research and individual photo stories, and work as small crews to create a meal plan for a traditional canoe voyage.</p>	<p>KEY VOCABULARY:</p> <p>Complex System System Mapping Parameters Carbon Footprint Ecological Footprint Earth Overshoot Day Budget Wa’a Kaulua Moananuiākea</p>
<p>SELECTED KEY SKILLS:</p> <p><i>Teachers can modify the selected key skills based on scope and need.</i></p>	<ul style="list-style-type: none"> ● Systems Thinking ● Planning ● Budgeting ● Inquiry ● Geographical Awareness ● Collaboration ● Reflection 	
<p>SELECTED KEY CONTENT & PERFORMANCE:</p> <p><i>Teachers can modify the selected key content based on scope and need. All projects are designed to be interdisciplinary and to address multiple content performance standards.</i></p>	<ul style="list-style-type: none"> ● NGSS MS-ESS3-4 Earth and Human Activity: Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems. ● CCSS.ELA- LITERACY.SL.6-8.4: Present ideas in various contexts. ● CCSS.ELA-LITERACY.SL.8.5: Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest. ● CCSS.ELA-LITERACY.W.8.7 Research to Build and Present Knowledge: Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration. ● C3 Framework D2.Geo.4.6-8. Explain impact of human patterns and decisions on the environment. ● CCSS.MATH.CONTENT.6/7.RP.A.3/1: Use ratio and rate reasoning, and/or analyze proportional relationships, to solve real-world and mathematical problems. 	