

PROJECT OVERVIEW

Inspired by the film: In this selected clip from *A Climate for Change*, we are introduced to Hawaii's Taimane Gardner and her band on tour in California. Taimane and her band are constantly making small choices, from what they eat to what they wear on stage that contribute to their carbon footprint.

ESSENTIAL QUESTION for the PROJECT:	How can my small choices have a bigger, collective impact on the environment?	
PROJECT OVERVIEW:	Students will propose to peers their personal commitment to climate change, using data, and show the individual and collective impact of such actions.	KEY VOCABULARY: Supply chain Industry Fast Fashion Fashion footprint Carbon footprint Impact Individual vs. collective
SELECTED KEY SKILLS: <i>Teachers can modify the selected key skills based on scope and need.</i>	<ul style="list-style-type: none"> ● Data collection ● Self-reflection ● Data visualization ● Research ● Communication ● Collaboration 	
SELECTED KEY CONTENT & PERFORMANCE: <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>	<ul style="list-style-type: none"> ● NGSS MS-ETS1-3 Engineering Design Analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success. ● NGSS MS-ESS3-3. Earth and Human Activity Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. ● NGSS MS-ESS3-4. Earth and Human Activity Construct an argument supported by evidence for how increases in the human population and per-capita consumption of natural resources impact Earth's systems. ● CCSS.ELA-LITERACY.RST.6-8.7 Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table). ● CCSS.MATH.CONTENT.7.RP.A Analyze proportional relationships and use them to solve real-world and mathematical problems. ● CCSS.MATH.CONTENT.7.EE.B.4 Use variables to represent quantities in a real-world or mathematical problem and construct simple equations and inequalities to solve problems by reasoning about the quantities. ● CCSS.MATH.CONTENT.8.SP.A.1 Construct and interpret scatter plots for bivariate measurement data to investigate patterns of association between two quantities. Describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association. ● CCSS.ELA-LITERACY.CCRA.W.7 Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation. ● CCSS.ELA-LITERACY.CCRA.R.7 Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words. 	