

# KŪKULU NĀ UAPO

## Unit 1: What is Science? - Relevance of Science to Self and Place – Standards Overview

Content	Hawai'i DOE Standards for Unit 1	Lessons
<b>Science</b>	# 1: The Scientific Process: SCIENTIFIC INVESTIGATION: Discover, invent and investigate using the skills necessary to engage in the scientific process	1-20
	# 2: The Scientific Process: NATURE OF SCIENCE: Understand that science, technology, and society are interrelated	2, 14-18
	# 3: Life and Environmental Sciences: ORGANISMS AND THE ENVIRONMENT: Understand the unity, diversity, and interrelationships of organisms, including their relationship to cycles of matter and energy in the environment	1-2, 6-7
<b>Social Studies</b>	# 6: Cultural Anthropology: SYSTEMS, DYNAMICS, AND INQUIRY-Understand culture as a system of beliefs, knowledge, and practices shared by a group and understand how cultural systems change over time	14-16
<b>Career and Technical Education</b>	# 1: TECHNOLOGICAL DESIGN: Design, modify, and apply technology to effectively and efficiently solve problems	16-17
	# 2: CAREER PLANNING: Explore and understand educational and career options in order to develop and implement personal, educational, and career goals	14-18
<b>Language Arts</b>	# 1: Reading: CONVENTIONS AND SKILLS: Use knowledge of the conventions of language and texts to construct meaning for a range of literary and informational texts for a variety of purposes	1-20
	# 2: Reading: READING COMPREHENSION: Use reading strategies to construct meaning from a variety of texts	1-20
	# 3: Reading: LITERARY RESPONSE AND ANALYSIS: Respond to literary texts from a range of stances: personal, interpretive, critical	13,15-16
	# 4: Writing: CONVENTIONS AND SKILLS: Use the writing process and conventions of language and research to construct meaning and communicate effectively for a variety of purposes and audiences using a range of forms	2-20
	# 6: Oral Communication: CONVENTIONS AND SKILLS: Apply knowledge of verbal and nonverbal language to communicate effectively in various situations: interpersonal, group, and public: for a variety of purposes	1-20
	# 7: Oral Communication: RHETORIC: Adapt messages appropriately to address audience, purpose, and situation	10,16,19, 20
<b>Math</b>	# 11: Data Analysis, Statistics, and Probability: Fluency With Data – Pose questions and collect, organize, and represent data to answer those questions	5-10,12-14
	# 13: Data Analysis, Statistics, and Probability: Data Analysis – Develop and evaluate inferences, predictions, and arguments that are based on data	5-10,12-14
<b>Health</b>	# 4: Analyzing Influences: Understand influences of culture, family, peers, media, technology, & other factors on health	5-10
	# 5: Interpersonal Communication: Use interpersonal communication skills to enhance health	5-10
<b>General Learner Outcomes</b>	# 1: Self-Directed Learner - The ability to be responsible for one's own learning	1-20
	# 2: Community Contributor - The understanding that it is essential for human beings to work together	1-20
	# 3: Complex Thinker - The ability to be involved in complex thinking and problem solving	1-20
	# 4: Quality Producer - The ability to recognize and produce quality performance and quality products	1-20
	# 5: Effective Communicator - The ability to communicate effectively	1-20
	# 6: Effective and Ethical User of Technology - The ability to use a variety of technology effectively and ethically.	16-17