Ocean Literacy at Hanauma Bay A Mural of Discovery

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Agenda

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(1 - Introduction - What's This About?

- ①2 Design The How and Why
- 3 Evaluation What Did and Did Not Work?
- 4 Conclusion Now What?

Introduction

Ocean Literacy at Hanauma Bay

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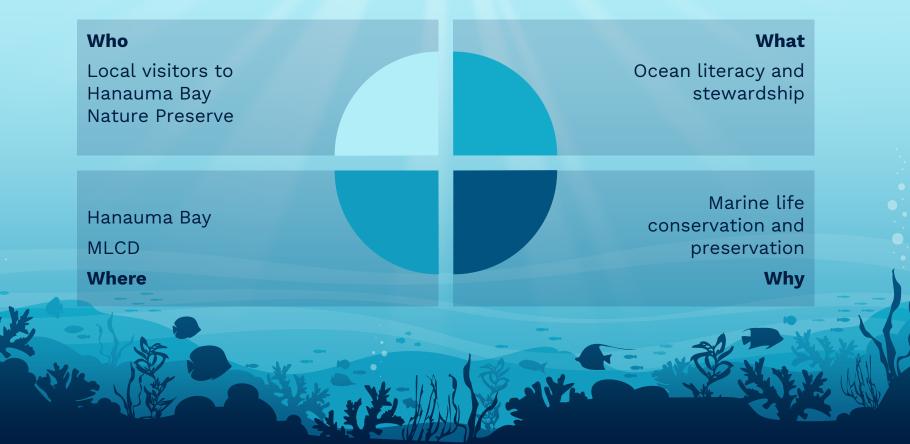
Problem Statement

Visitors to Hanauma Bay Nature Preserve lack Ocean Literacy

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Introduction

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Introduction

Goal Statement

Learners will be confident in their ability to positively impact marine ecosystems and apply these actions in their daily lives



Interactive Instruction

Audience

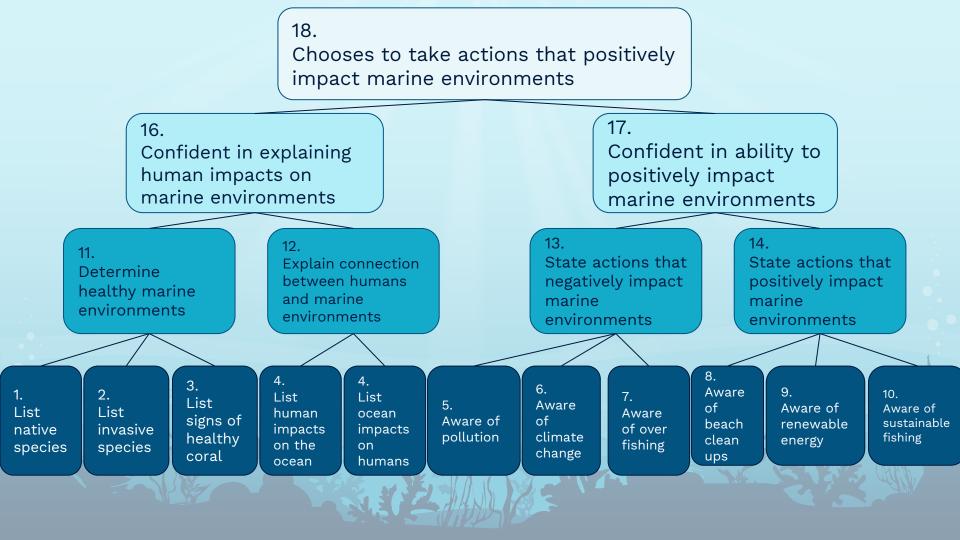
Local visitor covers a diverse group of learners. Shared characteristics include:

Interest in
Hanauma Bay
Transient
Learners

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Design

Content Equally broadly appealing to meet the needs of the many



Design

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Skills and Objectives

Subskills may have performance objective that are either cognitive, affective, or both.

Subskill	Cognitive	Affective
List native species	The learner can list 3 native fish species in Hawaiʻ i	
List signs of healthy coral	The learner can list 3 signs of healthy corals	The learner agrees that coral health is relevant to their lives
Explain actions that positively impact marine ecosystems	The learner can explain an action that positively impact marine ecosystems	Agrees they can take one action that positively impacts marine environments

Theories

Constructivist approach to learning; Learning through discovery and in relation to their activity at Hanauma Bay

Design

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Strategies

Keller's ARC(S) Model to build connections



How did it go?



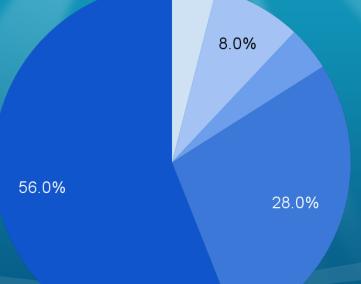


Usability Testing

Category	Round 1	Round 2
Ease of		
use	Positive	Positive
Purpose	Negative	Positive
Visuals	Negative	Positive

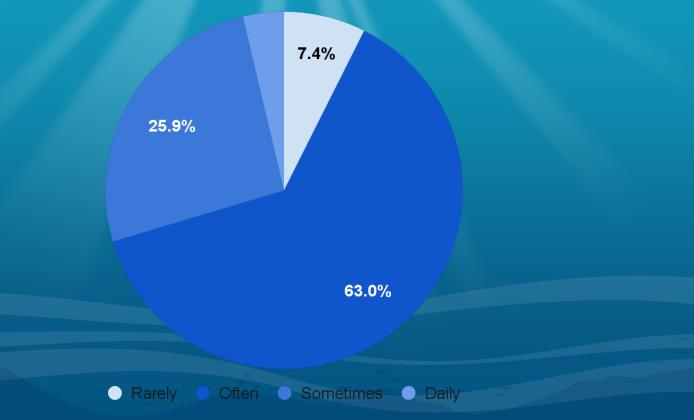


Participant Age Ranges (n=27)

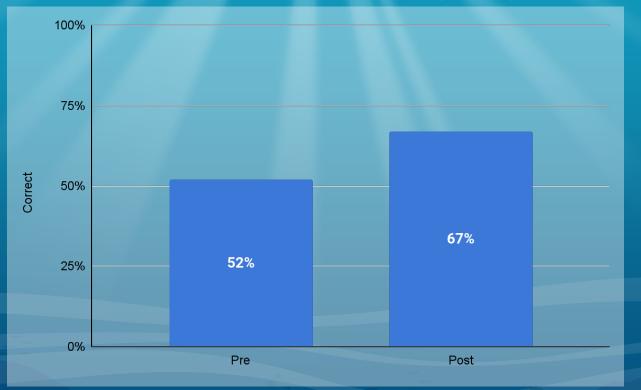


● 24 and below ● 25-34 ● 45-54 ● 55-64 ● 65+

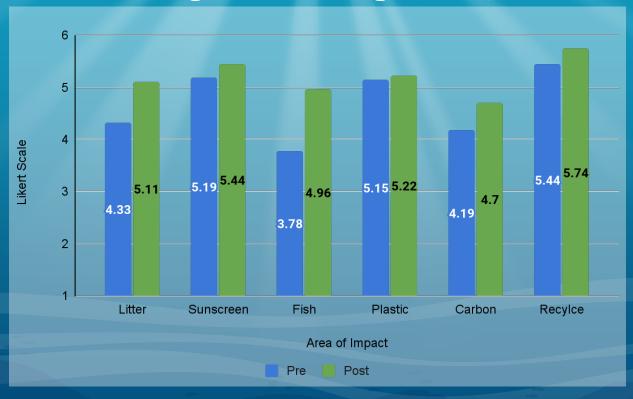
Beach Frequency (n=27)



Which Reef is Healthier? (n=27)



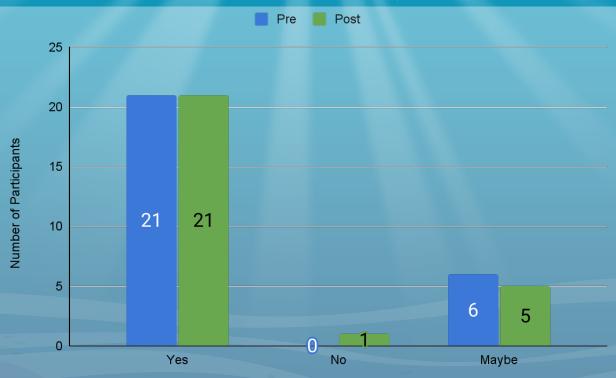
Willingness to Change (n=27)



Do You Know Enough? (n=27)



Want to Know More? (n=27)



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Looking to the future

ENPE

Conclusion

Goal Statement

Learners will be confident in their ability to positively impact marine ecosystems and apply these actions in their daily lives



Conclusion

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The Future He Pūko' a Kani ' Āina A Coral Becomes an Island

Aloha!