

Mālama Honua My Voyage App Parent and Teacher Guide

Version 1

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THE APP

Choose the Voyaging Canoe

Manu-o-Kū is a bird that still exists today. It goes out to sea to feed in the morning, so when you see it flying with a full belly in the afternoon, you know it's heading toward land. With little clues like this, you can find your way home too.

Each boat has audio information that tells the name of the boat and sometimes where it is from. The boats include:

1. Sailboat
2. Freighter
3. Kayak
4. Skiff
5. Gondola
6. Voyaging canoe
7. Air boat
8. Speed boat
9. Junk

Where are you from?

The point of this is to teach a bit about geography. Help the child understand where they live. When we zoom in to Polynesia, point out how far and in what direction it is from where you are.

Polynesian Triangle

We start this by showing the Polynesian triangle and ask the child to redraw it again by dragging the Hōkūle'a canoe, which starts in Hawai'i at the top.

- The child can draw it in either direction
- The little numbers show how many days it takes to sail that far
- If you pause long enough over an island you will see a photo and hear a fun fact about that place
- Make sure you go all the way around Easter Island and New Zealand for the line to "stick"

Ahupua'a

- This area lets the child choose which adventure they want to do – trees – olonā fiber for ropes, or lauhala for the sails
- There are other fun areas to tap that sometimes change the more you tap on them, including the spear fisherman, the coconut trees, the fish, the gate (makahā) at the bottom, the taro (kalo) patch, the woman on the left, and a cloud at the top left
- Each time you return you have to pick something you haven't done – but you can repeat things if you want.
- You have to tap twice on the thing you want to do – just to insure you don't go there by accident.

Koa Forest

The objective here is to get two big, healthy koa trees, and two tall, straight 'ōhi'a trees. Along the way you can learn the name and call of a variety of native Hawaiian birds. Tapping on a tree also teaches you the name and trait of that tree.

- The elepaio bird helped the Hawaiians find healthy trees
- If the bird pecked the tree it likely had bugs and was left alone
- The right trees are spread throughout the area, scroll carefully and methodically to find the correct ones.
- Tapping the io (Hawaiian hawk) gets the user a special recognition.
- The correct koa trees are in a different position each time you play.

Olonā

The goal is to both teach addition with two digit numbers, and counting to 40 from 29 – but more importantly, to sustainably harvest the plants without taking too many, only taking the mature plants, and cutting them correctly so that new plants will grow (keiki).

- You can drag the shears to the plant you want to cut
- You can also tap the plant in the correct spot and the shears will animate there

Lauhala

Lau is the Hawaiian word for leaf, and hala is the name of the specific tree. Leaves from the tree, and the weavings from the leaf are called lauhala. This is the trickiest of the activities, and there is no way to skip it. After all, there are no shortcuts to becoming a junior navigator!

- Strips overlay in the order they are layered, so the strip you start with is at the bottom and new strips are at the top.
- If the child finishes in under 30 seconds they are rewarded with two

additional strips

- The trick is to pull back one strip halfway leaving it under one strip, move the adjacent strip into place, and then put that final strip on top. Watch the video hint before the activity carefully.

Canoe Puzzle

The first three pieces have to be placed in the correct order – first the two hulls, then the deck.

- Make sure the child taps long enough to pick up a piece.
- The pieces have to align closely with the correct spot to work
- The pieces that have two – hulls, sail, masts, booms – each have a specific place. If it doesn't fit in one position then try the other.

Provisioning

Tap YES or NO only when the blue bar is moving to place the item into the Bring or Leave column. Items that are incorrect are placed at the bottom of the stack and will come back around again for a second chance.

Mālama Honua Concentration

Match the cards to make them disappear. There are more cards than can be shown at once, so you get new ones when you play again. There are two “wrong” cards that teach what you're not supposed to do.

Kukui Nuts

There are seven activities that reward the user with a kukui nut.

The Navigation Bar and Video Controller

Tap the arrow in the top right corner to bring down the Navigation Bar. The app will pause when you do that.

- Tap the Home button on the left to start over
- Tap the X on the right to resume
- Tap one of the tiles to jump to 5 seconds before the activity shown
- The app will always resume from where it is left off
- You can always go somewhere else
- Tap the screen to bring up the video controller, from there you can pause, fast forward or rewind to the spot you want. Press play to resume.

Hawaiian Punctuation

The 'okina: ‘ - is an actual letter of the Hawaiian alphabet. It is used to

separate and distinguish adjacent vowel sounds. Vowels that come after an 'okina begin from a closed throat and therefore a temporarily silent start.

The kahakō, the macron over a vowel: ā ē ī ō ū - is used to add emphasis to a vowel. A vowel with the kahakō is both stressed and extended slightly from normal vowels.

EXTENDED CURRICULUM

Who am I?:

Where is our family from?

What can we learn from kupuna (elders) in our family/community?

Activity

1) Interview a grandparent about what they enjoyed doing when they were little. Take a picture of doing that activity with your kupuna (elder).

2) Explore where your family is from. Use a map (maybe we can use the map from the app?) and note the different places your grandparents, great-grandparents, etc. came from. What is an interesting or favorite food/activity from the different places.

Kumu:

[O Wai La Unit Plan](#)

Polynesian Triangle:

What names of the islands in the Polynesian Triangle did you recognize? Discuss if keiki know anyone whose family may have come from those areas.

Activity

1) Find out more about the cultures of the people of Polynesia: What do they wear? What is their traditional food? What is their traditional dance called? What kind of boats do they build?

Ahupua'a:

Where does the water in our house come from? Where does the water go after we use it?

Activity

1) Construct a city (with blocks, items from around the house, or with Minecraft) and show where the city gets their water from. Then if you really want a challenge, figure out where the city would grow or get their food from. (this is a hard one too...maybe its...co-create a town/village with your child (blocks, items around the house, Mindcraft). Discuss with them where they think the town/village would get their water or food from and why they think it is important to places these resources in specific places in their town/village?

2) Go to the water and build an ahupua'a with your keiki. How does the water move from the mountain to the seas, where would we put the farms and homes? Use the natural 'props' you find at the beach to create a little ahupua'a with your keiki. Discuss with them where they think the town/village would get their water or food from and why they think it is important to places these resources in specific places in their town/village?

Teacher/Kumu:

Aloha Aina Curriculum has great resources:

[Ahupua'a Curriculum](#)

[Ahupua'a Resources](#)

Lauhala:

Discuss with your keiki about the different materials they wear or use? What are they made of, where did they come from?

What other plants do people weave with?

Activity:

Cut some strips of paper or string/yarn/etc (two different colors works best) and weave it like you did in the lauhala activity.

Olonā:

When do we use string/cord/yarn in our every day lives?

Activity:

Find some string or cordage at your house. What is it made of?

Make your own string from items around the house and the yard.

Go on a scavenger hunt throughout the day/weekend where we find situations where string/cordage is used. Why is the cord important?

Teacher/Kumu:

Another Aloha Aina Unit

[The Case of the Strongest Cord](#)

[Resources for Case of the Strongest Cord](#)

Canoe/Wa'a:

Where would you want to visit on wa'a? What do you think you would see? Use the internet to follow the voyage on line and take a deeper dive into places where your keiki is interested. The "Stories of hope" is a great place to start. Looking around, what items do you see that could float?

Activity:

If you were going on a trip for 4 weeks on a wa'a, what would you pack and why?

Test items from around the house and yard to see if they float. Use these items to make a boat that is wind powered (test with a fan).

Teacher/Kumu:

Learn more about wa'a curriculum and partners

<http://www.kanehunamoku.org/programs.html>

<http://www.hokulea.com/malama-honua-challenge/>

Malama Honua Practices:

What did you throw away in the trash can today? Do you think you could have

reused any of those items?

Make a list of malama honua practices that our families practices as well as a list of things we would like to try to help malama honua. Discuss: Why its important to malama honua and set family goals and a plan they would like to try.

Activity:

Do some research and find out what items can be recycled in your area. Try and separate the recyclable items from the trash for an entire week. What do you notice? Do you have to take out the trash less often?

Search out different community organizations that are engaging in malama honua practices - sign up and get involved! The key is allowing children/keiki to research and decide which organization or activity they want to try!

Kumu:

[Aloha Aina Project/Lesson/Huaka'i](#)

[Aloha Aina Resources](#)

*NOTE the Aloha Aina resources all tie into ahupua'a learning. This whole unit ties well with the app

Another Unit of interest for mālama honua practices teaches about landfills...

[Where does all the 'Ōpala go?](#) (trash)