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NEW Native Hawaiian Educational Apps

KA LEWA & HELU NA`AU



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How to unleash the Apps' Educational Benefits?

These apps are a versatile tool for educators and parents to engage the younger generation. Here are a few exciting ways you can harness their educational potential:



Ka Lewa

Kalewa, the Hawaiian weather app, blends traditional cultural and linguistic descriptions of the environment with the essential features of a weather application for the Hawaiian community.

Its features:

- Location, season, date and time.
- Current weather description.
- 3-day forecast and hourly forecast for the next 8 hours.
- Sunrise and sunset times.
- Moonrise, moonset, phase of the moon, name of the phase.
- Wind direction and speed, with name of that wind.
- Tides and swell



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Talk About the Weather

- **Weather Vocabulary:** It's an excellent tool for building weather-related vocabulary. You can guide students to identify and describe weather terms such as "sunny," "cloudy," "rainy," "windy," and "stormy" based on the app's information.
- **Comparative Analysis:** compare weather conditions between different locations, allowing students to understand the concept of weather variability and the factors influencing local weather patterns.
- **Cultural Weather Insights:** integrate cultural weather knowledge specific to Hawaii, to broaden students' understanding of weather descriptions and their cultural significance.



💡 Introduce Helu Pō, the Moon Calendar

- **Cultural Connection:** connect students with Hawaiian culture by exploring the significance of the moon in traditional Hawaiian life.
- **Scientific Understanding:** The app provides practical examples of how the moon affects everyday life, like tides and agriculture. You can use this to explain scientific concepts related to the moon's gravitational pull and its influence on Earth's systems.
- **Observation and Analysis:** Encourage students to use the app to make observations and predictions. They can track the moon phases and compare them with real-world experiences, such as planting crops or fishing, to understand the practical implications of lunar cycles.
- **Critical Thinking:** Pose questions like "Why was the moon calendar so important?" and "What are the potential benefits of following the moon?" These questions can stimulate discussions about the relationship between traditional knowledge and modern practices.



Helu Na'au

The Hawaiian calculator aims to supersede any other calculator app currently in use!

Its features:

- Immediate access to the last result
- Ability to delete the most recent number or operation
- Display of the full operation alongside its result
- Results are presented both in numeric format and in written target language



By repeatedly observing the results of calculations, children can grasp the structure of Hawaiian numbering and better understand the language's numerical system.



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