

Embark on a fairy tale designed to educate children about the science of wave formation. A story inspired by Gary Griggs article "Waves," featured on the Coastal Care website.





## ‘The Wind’

Just like you can create small ripples or waves in your cup of coffee or tea as you blow to cool it down, the wind does the same thing on a much larger scale on the ocean surface.





"So waves can be made by a Storm?"

"Of course they can."

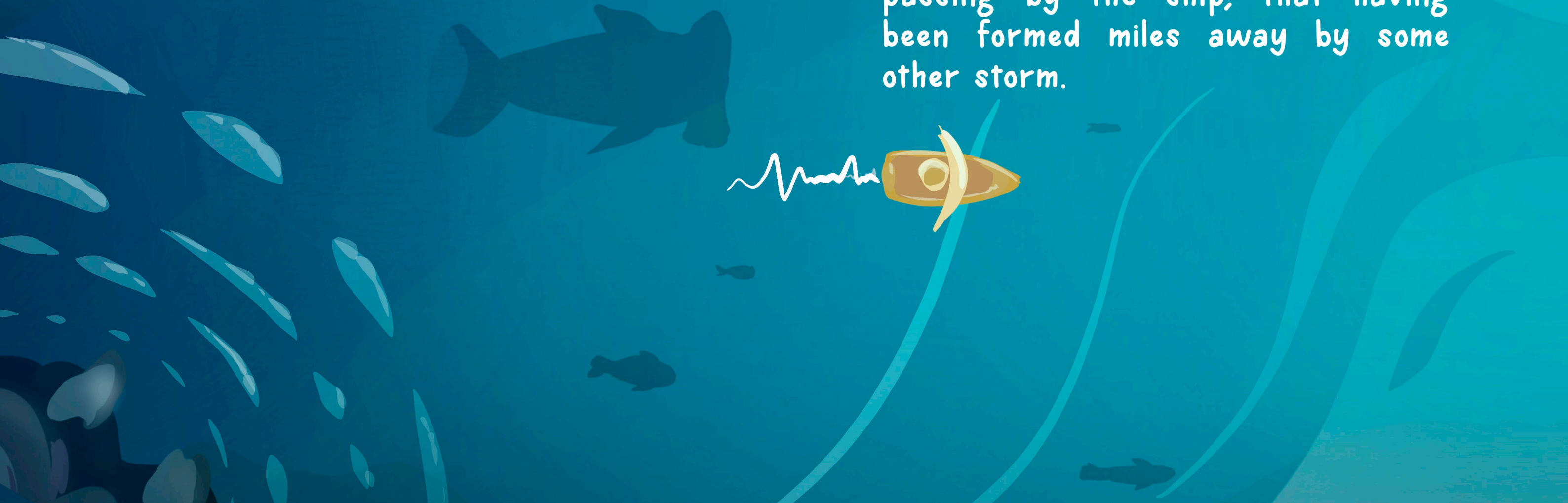
"Like the one that's rolling in?"

"Wow! It's time to head back home!"

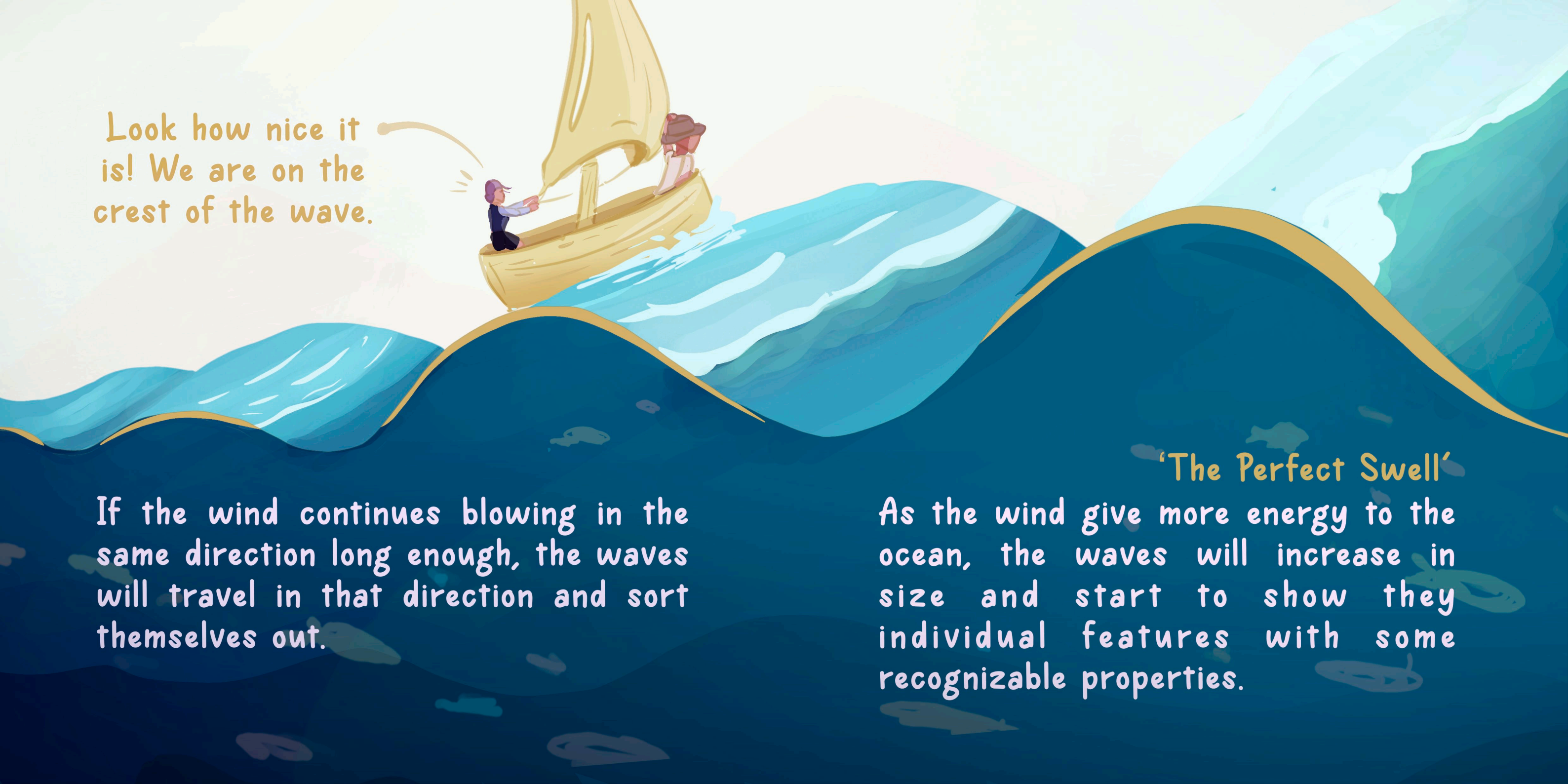
## 'The Sea Waves'

If we stay at sea in a ship during a storm, we can see small and large waves.

Some forming from the winds we are watching and others that were passing by the ship, that having been formed miles away by some other storm.





An illustration of a sailboat with a yellow sail and two people on board, riding a large blue wave. The scene is set against a bright, hazy sky. The wave is depicted with stylized, rounded shapes in shades of blue and green, with a yellow outline. The sailboat is yellow and has a yellow sail. Two people are on board: one in the front wearing a purple hat and one in the back wearing a brown hat. The background is a soft, hazy sky with a yellow and orange glow.

Look how nice it is! We are on the crest of the wave.

If the wind continues blowing in the same direction long enough, the waves will travel in that direction and sort themselves out.

### ‘The Perfect Swell’

As the wind give more energy to the ocean, the waves will increase in size and start to show they individual features with some recognizable properties.



# RIDING WAVES!

“But little did they know, it was only the start...”

New stories and activities released every month!



"Riding Waves" is a fairy tale designed to teach children the science behind wave formation.



Inspired by Gary Griggs article "Waves," published on the Coastal Care website.



"All we need to begin making waves in the ocean is some wind."  
- Gary Griggs