

SOUNDSIDE LEARNING THIS WEEK ON CORE SOUND



April 15, 2024

COMING UP AT CORE SOUND...

- **April 23-24:** Earth Day 2024 – *registration is full*
- **April 27:** Portsmouth Homecoming @ 8 AM – 5 PM
- [Click Here to SIGN UP for Summer Camps & for More Upcoming Events!](#)

Sound Material For Your Enjoyment



Outer Banks Coloring Book

By Plume & Ink

Step into a world of tranquility and beauty with this adult coloring book, a captivating book designed to ignite your creativity and transport you to scenic shores.

Immerse yourself in the allure of over 50 unique and meticulously crafted illustrations, each brimming with intricate details and high-quality artwork ready for your personal touch.

Pages: 102

Fort Hancock

Have you noticed the “Fort Hancock” historical marker at Shell Point? I did a little digging and discovered two quite interesting backstories ...

1) Fort Hancock was erected in 1778 to guard the entrance to Cape Lookout. A gift from the French Foreign Ministry, the fort and accompanying ammunitions and supplies were given to support Americans in their search for freedom. Several Comtes, Generals, and Admirals served at this fort during the American Revolutionary War. The fort was dismantled in 1780.

2) A French privateer Captain Denis de Cottineau sailed his ship *Ferdinand* into the harbor behind Cape Lookout in February 1778 to escape the British warship, *Emerald*. His ship needed repairs and de Cottineau constructed a small fort for protection with the help of a French artillery officer, Captain Luis-Antione Jean-Baptiste, le Chevalier de Cambray.

Captain de Cottineau applied to the state of North Carolina to sanction the fort construction and the state agreed. It was likely named Fort Hancock after Enoch Hancock, the owner of the property. The fort was completed and garrisoned by mid-May 1778. The state was unable to arm the fort so de Cottineau donated six cannons and two swivel guns with ammunition.

As de Cottineau prepared to leave North Carolina, he made claims for some of his expenses and was later awarded 940 pounds. For his work, Captain de Cambray asked for letters of recommendation to the Continental Congress in hopes of securing a commission in the Continental Army.

The fort never saw military action and it was abandoned and partially dismantled in 1780.



historical marker photo from <https://www.waymarking.com>

Rooster Tails are Comin'

Good 'ol rooster tails! When warmer weather gets here, these are not far behind. Do you know what they are? If so, do you respect them as you should?

Rooster tails are regions of commotion or turbulence within a fluid, caused by movement. They lie directly in the wakes of many boats traveling on our waters and are accompanied by vertical projections. The magnitude of rooster tails created by boats increase with boats' speeds.

Propellers on boats can produce rooster tails of water in their wakes in the form of fountains which shoot into the air behind the boats. The faster boats go, the larger the rooster tails become. The efficiency of boats' hull designs can be judged by the magnitude of the rooster tails—larger rooster tails indicate less efficient designs.

If a water skier is in tow, the skis also throw off a rooster tail. Trouble may ensue, however, when the skis unsuccessfully cross a boat's rooster tail. Many tumbling skiers would surely agree!

So, enjoy the beauty of this summer's rooster tails, but carefully cross them! When they tangle you up, you'll feel it for days!



rooster tail photo from <https://www.offshoreonly.com>



rooster tail photo from <https://www.ballofspray.com>



Making Water Walk



Directions

1. Cut a paper towel in half. Then fold one piece in half lengthwise, and in half lengthwise again so you have a long strip of paper towel. Do the same with the other piece of remaining paper towel.
2. Line 3 cups next to each other in a row. (You may use more than 3, just make sure an empty cup is between the filled ones.)
3. Fill the 2 outer cups halfway with water and keep the middle cup empty.
4. Add a few drops of food coloring to the cups with water choose 2 different colors).
5. Place one end of the paper towel strip in the cup with water, and the other end in the empty cup. Do the same with the other paper towel strip.
6. Wait and watch as the colored water "walks" from the outer cups to the middle cup. This is a walk your kids will enjoy!

The water travels through gaps in the paper towel fibers and "walks" into the empty cup. This is a process called capillary action and is what helps water climb from a plant's roots upward to the rest of the plant and leaves.