

# The Featherfin Flyer

Frostbit Fins  
publication

## The Estuary Edition



“Try to be a rainbow in someone else’s cloud.”

-Maya Angelou-



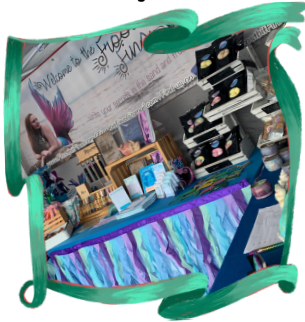


# a Message from the Mermaid and the FrostbitFins Pod

**Hurray for Summer!**

We had such a great time at the Intuned to Bloom Festival and the Seward Mermaid Festival! There's nothing we love more than getting to chat with all of our FeatherFins and see what you've been up to. And then Miss Amara invited us to join her birthday party as well - topping of our May as the best one yet!

This month, you can find us at Pride in the Park, the Kenai River Festival, Nikiski Fun in the Sun AND celebrating Kid's Day with The LeeShore Center at the Wednesday Market!



Look for our JellyFish and our new booth-top banner to find us in the crowd. We'll announce on Facebook and Instagram when AnneMeridia is there to meet and greet all our FeatherFins - so be sure you follow us! We are super close to having 1000 followers on Instagram and would love to meet that goal this summer. We have a lot of new merch to show off as well, so check it out!

Sea you soon!

Your Seafriend, AnneMeridia  
and the Frostbit Fins Pod



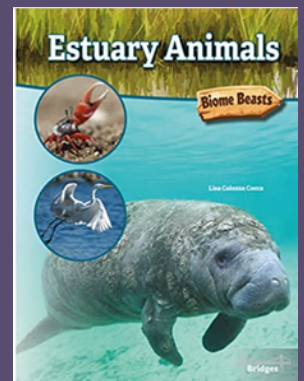
### Upcoming Shows and Appearances:

Pride in the Park	June 3
Kenai River Festival	June 9-10
Nikiski Fun in the Sun	June 17
Kid's Day at the Wed. Market.	June 21
Curiosities Festival	July 1-2
Kenai Green Strip Festivities	July 4
Soldotna Progress Days	July 21-23
Kenai Peninsula State Fair	August 11-13
Fall Fungi Festival	September 2-3



## Biome Beasts Estuary Animals by Lisa Colozza Cocca

Life in the estuary is always changing. Ocean tides of salt water flow in and out of the estuary and mix with the fresh water that flows from rivers and streams. The animals that swim or wade in the waters or make the mudflats their homes must have physical or social adaptations that allow them to live in the salty mix. In this book, readers in grades 3-5 will discover how and why animals survive and thrive in these sheltered biomes.



Want to learn more about Estuaries? ~ Visit your local library today!



## ESTUARIES!



- Estuaries are bodies of water where rivers meet the sea. The name in Latin means tidal inlet of the sea.
- An estuary can include bays, sloughs, fjords, lagoons, and river mouths.
- Estuaries are important river habitats. They act as nurseries for young fish and animals before they head out to the open ocean. Many seabirds nest in estuaries too.
- Since estuaries are areas where seawater mixes with freshwater, plants have adapted to the salty conditions.
- In many areas during the dry season less water flows through the rivers. This along with evaporation causes the estuaries to become even saltier than the ocean.
- There are four major types of estuaries, classified by the manner in which they were formed; coastal plain/drowned river valley, bar-built, tectonic, and fjords.
- Coastal plain estuaries are created when sea levels rise and fill in an existing river valley. Chesapeake Bay on the US's east coast is a coastal plain estuary.
- Tectonic estuaries are formed from tectonic activity, like earthquakes, when the Earth's crust moves. California's San Francisco Bay is a tectonic estuary.
- Bar-built estuaries are lagoons or bays that are protected from the ocean by a sand bar or barrier islands. The Outer Banks, a series of barrier islands in North Carolina and Virginia create a bar-built estuary.
- Fjord estuaries are created by glaciers carving out deep valleys and the sea rushing in to fill the void. The Kachemak Bay in Homer is a fjord estuary.





Frostbit  
Fins

FACEBOOK &  
Instagram

Did you make the Guppy Goodies? Are you all finished with the coloring page(s)? Have mom and dad put them on social media and tag us @frostbitfins on Facebook and Instagram for a chance to be featured on our page and in next month's FeatherFinFlyer!



# Estuary Word Search

**DIRECTIONS:** Find and circle the vocabulary words in the grid. Look for them in all directions including backwards and diagonally.

R	C	M	S	T	I	N	H	T	A	L	F	D	U	M	C	V	K	G	T	G
V	E	H	M	E	I	S	U	Y	R	T	A	Y	U	G	R	I	V	E	R	S
L	P	T	D	B	E	D	D	Q	G	F	E	Y	S	D	A	S	G	E	F	I
J	P	B	L	Y	Y	E	A	V	B	F	I	R	B	Y	B	X	K	F	X	R
E	A	R	G	I	A	A	C	L	O	P	M	P	G	C	S	B	I	R	D	S
K	W	E	R	G	F	T	B	M	P	W	K	N	H	E	R	O	N	F	W	X
P	C	T	L	S	N	O	S	E	Y	O	H	X	G	R	M	B	X	D	Y	L
J	Q	A	V	A	S	N	I	M	K	M	O	C	E	A	N	S	I	R	M	S
K	M	W	D	L	C	Y	W	U	F	A	B	L	I	V	T	K	I	V	T	A
E	U	H	W	T	H	P	P	X	A	T	E	R	I	C	H	S	O	I	L	L
Q	S	S	I	M	S	K	C	O	A	S	T	P	S	S	C	L	D	R	X	T
Z	S	E	S	A	R	M	S	A	L	T	Y	P	A	O	D	U	H	N	R	W
F	E	R	R	R	J	S	R	Z	E	H	X	Q	M	S	M	W	V	P	H	A
B	L	F	I	S	O	K	Y	O	X	B	O	P	T	V	E	X	X	Y	B	T
Z	S	O	G	H	H	S	I	F	W	A	L	Q	F	P	W	H	R	N	C	E
F	T	F	Y	C	R	I	E	O	Z	E	E	T	M	M	P	E	C	H	E	R
Z	S	S	F	V	Z	W	U	R	X	X	M	I	N	C	S	N	E	D	V	V
K	E	E	M	O	Y	C	Q	W	G	V	R	Z	K	R	N	J	I	H	P	F
B	N	H	C	H	V	Y	E	W	X	H	E	E	U	V	L	T	Q	Z	Y	B
P	O	B	E	W	D	O	O	F	S	W	X	N	A	J	H	M	T	E	X	E
Y	T	I	S	R	E	V	I	D	C	K	D	N	H	J	W	R	G	M	D	V

- ALGAE
- BIRDS
- CHESAPEAKE BAY
- COAST
- COMPLEX
- CRABS
- DIVERSITY
- EGRET
- FILTER
- FISH
- FOOD WEB
- FRESHWATER
- HERON
- MUDFLAT
- MUSSELS
- NESTS
- NURSERY
- OCEANS
- RICH SOIL
- RIVERS
- SALT MARSH
- SALTWATER
- SALTY
- SHRIMP
- TIDAL POOL
- TIDE
- WORMS



LAST MONTH'S  
Answers!

**SOLUTION**

**Pirates**

A	L	W	A	L	K	T	H	E	P	L	A	N	K	.	.	.	.
H	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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Y	D	A	V	Y	J	O	N	E	S	L	O	C	K	E	R	.	.
.	L	.	.	P	I	E	C	E	S	O	F	E	I	G	H	T	.
.	U	.	.	.	.	M	E	H	E	A	R	T	I	E	S	.	.
.	B	S	H	I	V	E	R	M	E	T	I	M	B	E	R	S	.
.	B	.	.	D	O	U	B	L	O	O	N	S	.	.	.	.	.
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.	.	.	S	C	U	R	V	Y	.	.	.	.	.	.	.	.	.



# JUNE Special Dates!



## Birthday Club!

Wishing a FIN-tastic Birthday to:

06/02 Katie H  
06/03 Jessica F  
06/07 Livi S  
06/08 Niki J  
06/12 Kayleigh M  
06/14 Mattilynn H  
06/16 Marx W  
06/17 Emma E  
06/18 Roxxy N  
06/18 KayLee Marie B  
06/18 Callie S  
06/18 Jackie M  
06/20 Siya B  
06/22 Aria S  
06/22 Jude O  
06/23 Jillian B  
06/24 Nova B  
06/25 Lucille N  
06/30 Malcolm L

## Dates of Interest

06/01 Dinosaur Day  
06/06 National Yo-Yo Day  
06/08 World Oceans Day  
06/11 National Children's Day  
06/14 Flag Day  
06/16 World Sea Turtle Day  
06/18 Father's Day  
06/20 National Ice Cream Soda Day  
06/21 National Seashell Day  
06/24 Swim a Lap Day  
06/27 National Ice Cream Cake Day  
06/29 National Handshake Day

# Happy Birthday!



Join the Frostbit Fins Birthday Club on our website at [FrostbitFins.com](http://FrostbitFins.com)



# Guppy Goodies

# Fin Funnies!



**Fish Face Waffles**

## Ingredients

- 1 1/2 Kellogg's® Eggo® Homestyle waffles
- 3 Kellogg's® Eggo® Minis Homestyle waffles
- 3 frozen Dole® Tropical Gold® Pineapple Chunks
- 8 to 12 slices frozen Dole® Ready-Cut Fruit™ Sliced Strawberries
- 9 frozen Dole® Blueberries

## Directions

- Prepare Kellogg's® Eggo® Homestyle waffles and Kellogg's® Eggo® Minis Homestyle waffles according to package directions. Cut one of the small waffles in half. Let fruit stand at room temperature for 5 to 10 minutes or until easy to cut. Thinly slice pineapple chunks and strawberry pieces. Set aside.
- Cut small triangular shape from one side of whole large waffle for fish mouth. Arrange large waffle pieces on serving plate, using whole waffle for fish body and half waffle for fish tail. Arrange small waffles on serving plate, using whole waffles for fish bodies and waffle halves for fish tails.
- Arrange strawberry and pineapple pieces on waffles as fish scales and fins. Use blueberries for fish eyes and bubbles.

What does the sea say to the river?  
 You can run, but you can't tide!

What is the river's favorite news?  
 Current events!

What did one concerned river say to the other?  
 Why are you so blue?!

# Fintastic Deals!

## Frostbit Fins Merch

Marvelous Mermaid Munchies, Stationary, Stickers and more - all at our online store - with free local pickup!  
<https://frostbit-fins.square.site/>



## Our New Apparel Shop!

Have you checked it out yet? T-shirts, Hoodies, and more! We even have tote bags and water bottles, all sporting our new mermaid mascot! Check it out here:  
<https://frostbit-fins.printify.me/>



**VISIT MERMAIDSTRAW.COM AND USE THE CODE FROSTBITFINS FOR 15% OFF YOUR PURCHASE! HELP RID THE OCEANS OF PLASTIC, ONE SIP AT A TIME!**

