

# The Featherfin Flyer

a Frostbit Fins  
publication

## Skates & Rays Edition!



**"I love the smell of rain, and I love the sound of the ocean waves."**

**-Amy Purdy**

# a Message from the Mermaid and the Frostbitfins Pod

Hello, my FeatherFins!

And just like that - Summer is coming to a close! All of our friends are back in school, and making new friends and learning new things. What an exciting time of year!

In August, we had so much fun at the fair - our Fishing Booth and Dip-a-Duck games were a huge success and we had a real splash playing with you. Did you go fish? What was your animal fun fact? Did you learn something new? We hope so!

This past weekend we were at the Fall Fungi Festival, a brand new event - it was so much fun! You'd wonder what a mermaid has to do with Fungi - but there are several mushrooms that grow under the sea as well! They're a delicious addition to a kelp and seaweed salad.

If you haven't already, be sure to follow us on Facebook and Instagram to see where we will be next! We're starting the Fall/Winter vendor show circuit, and we have so many new things coming up - like our new Stickers AND Sticker Collection Books!

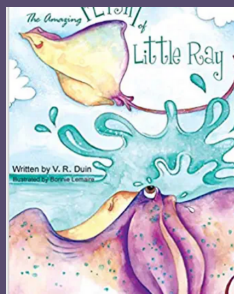
As of now, we have no more events in September, but look for us at the Kenai Pumpkin Fest in October, as well as the Sterling Fall Vendor Show!

Have a flippin' fin-tastic month! Sea you soon!

Your Seafriend, AnneMeridia and the Frostbit Fins Pod



*Fun at the Fair and the Fall Fungi Festival!*



## The Amazing Flight of Little Ray by V. R. Duin

Little Ray can't think of anything better to do today than fly the friendly skies. The only thing holding him back is the fact that he is a sea-bound stingray, which, for him, proves to be only a minor setback. When he hurls himself into the air, it will take a little luck, a little ingenuity, and some feathery help from above to return him to the cool salty waters. Thank goodness, Little Ray has a lot of gumption and even more panache; it will come in handy during this soaring adventure.

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

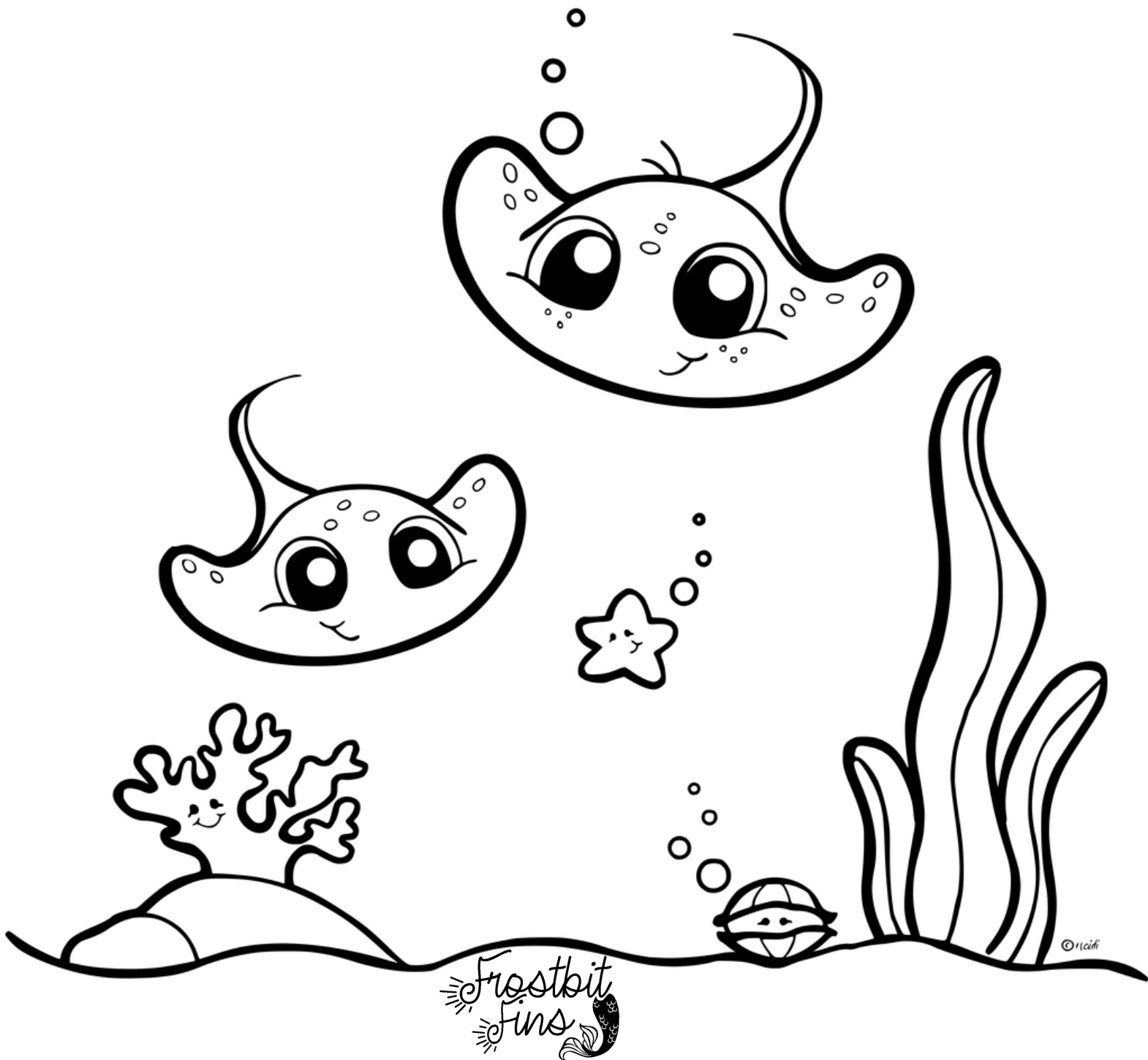
# SEPTEMBER FIN FACTS WITH

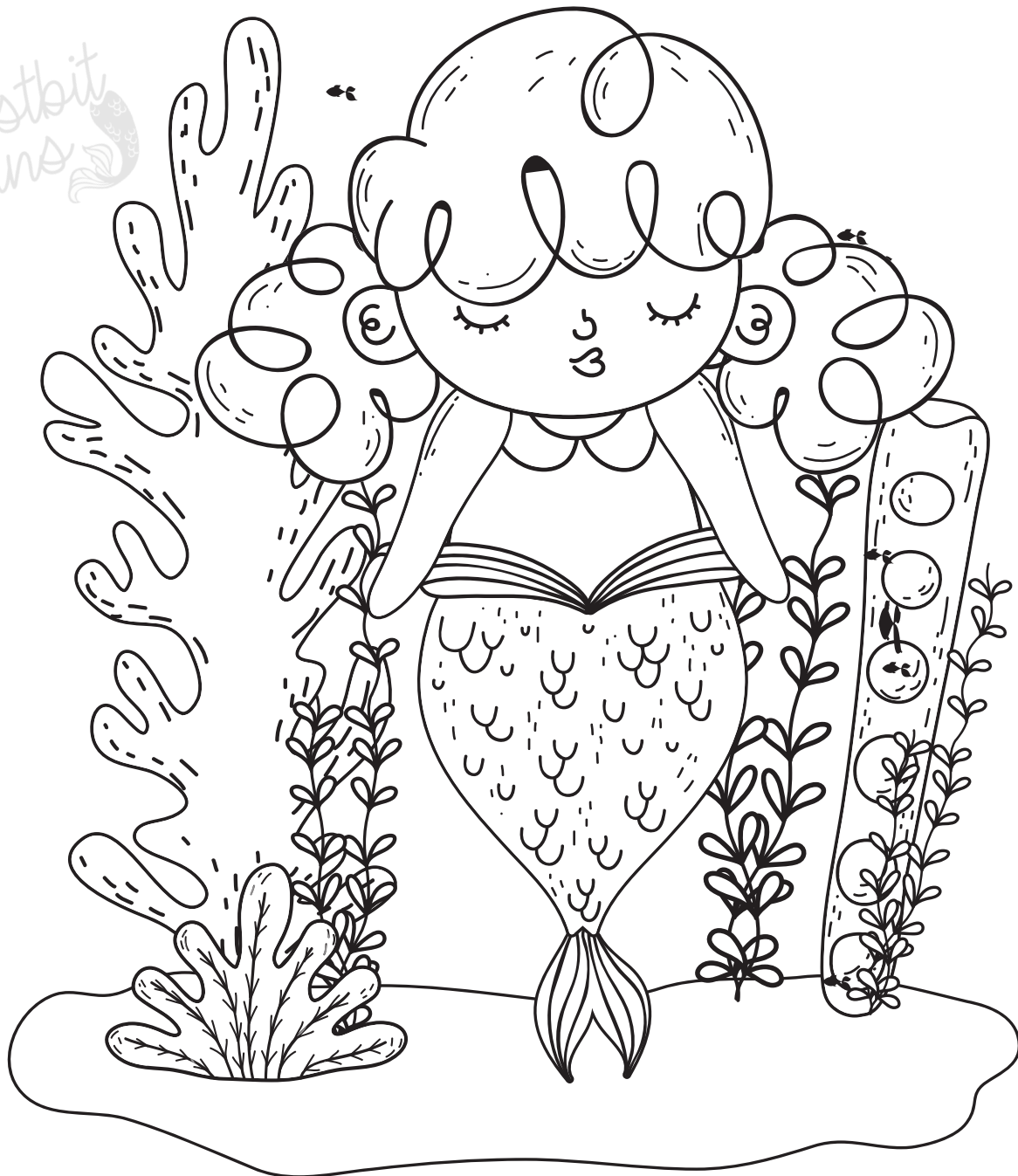


## SKATES AND RAYS!



- Skates and rays are in a group of fish called elasmobranchs. Elasmobranchs have skeletons made of cartilage and have five gill slits on each side of their head. This group includes skates, rays, sawfish, and sharks.
- There are approximately 630 species of skates and rays that are divided into 18 different families.
- One main difference between rays and skates is that rays have live births while skates lay eggs. Skate eggs are in hard cases called mermaid purses!
- Not all rays are stingrays. Some rays, like manta rays, have long, barbless tails. Other rays, like the spotted eagle ray, have venomous spines on their tails.
- The oceanic manta ray is the largest ray species in the world. From wing tip to wing tip, they can grow to at least 23 feet and weigh up to an impressive 4,000 pounds!
- The electric ray has two kidney-shaped electric organs located on its back, can produce between 8 to 220 volts of electricity.
- The shark ray is also known as the bowmouth guitarfish because of it having a guitar-shaped body.
- The big skate can be found from Baja California all the way into Alaska. It is also one of the largest species of skates and can reach 8 feet in length and 200 pounds!
- When baby manta rays are born, they look like a rolled-up burrito!





## 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 months FeatherFinFlyer!





# WORD Rays and Skates

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

- |                       |             |               |
|-----------------------|-------------|---------------|
| ampullae of lorenzini | torpedo ray | wedgefish     |
| spiracle              | devil ray   | eagle ray     |
| clasper               | manta ray   | electric ray  |
| dorsal fins           | stingray    | sawfish       |
| stinger               | guitarfish  | butterfly ray |
| gill raker            | cownose ray | panray        |
| mobulid               | skate       |               |

*AUGUST PUZZLE  
Answers!*

- UALDRA
- LENTMA
- SKLUMSOL
- SCMLA
- GULSS
- IQSUD
- OFTO
- ROYSET
- VVLAIBE
- CHOCN
- BRAVITTERNEES
- SPOTUCO
  
- RADULA
- MANTLE
- MOLLUSK
- CLAMS
- SLUGS
- SQUID
- FOOT
- OYSTER
- BIVALVE
- CONCH
- INVERTEBRATES
- OCTOPUS



# SEPTEMBER Special Dates!



## Birthda Club!

Wishing a FIN-tastic  
Birthday to:

- 09/01 Alexia S
- 09/02 John C
- 09/03 Alexxis H
- 09/06 Riley S
- 09/07 Emma M
- 09/07 Ava W
- 09/08 Brielle C
- 09/08 Lily Z
- 09/13 Hope G
- 09/13 Sabrina A
- 09/15 Rory J
- 09/15 Irie I
- 09/16 Violet A
- 09/18 Lucy Z
- 09/18 James C
- 09/19 Isabella C
- 09/20 Nathan F
- 09/23 Caleb

# Happy Birthday!

## September Dates of Interest

- 09/03 International Bacon Day
- 09/05 Labor Day
- 09/06 National Read a Book Day
- 09/09 Teddy Bear Day
- 09/11 Patriot Day
- 09/13 Grandparent's Day
- 09/16 Collect Rocks Day
- 09/19 International Talk Like a Pirate Day
- 09/20 National Pepperoni Pizza Day
- 09/25 National Comic Book Day
- 09/27 National Scarf Day



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

# Guppy Goodies

# Fin Funnies!



## Beach Bear Snack

### Ingredients

- Vanilla yogurt
- Crushed vanilla wafers
- Fresh or frozen blueberries
- Small piece of a fruit roll
- Teddy bear graham cracker
- Shark gummy or goldfish cracker
- Cocktail umbrella

### Instructions

- Spoon ¼- ½ cup of yogurt into a small cup
- Pour blueberries on half of the yogurt
- Pour crushed vanilla wafers on the other half of the yogurt
- Place the piece of the fruit roll on the cookie “sand” and put a teddy bear graham on top of the fruit roll “towel”
- Add a cocktail umbrella over the teddy bear and a goldfish or shark in the blueberry “water”



Why did the ray have a chat with the scuba diver?

He wanted to have a manta- man talk!

What do you call the skeleton of a stingray?

An X-ray!

What kind of fish are useful in freezing weather?

Skates!

# Fintastic Deals!

## Frostbit Fins Merch

Marvelous Mermaid Munchies, Bathbombs, Soaps and more - all at our online store -with free local pickup!

<https://frostbit-fins.square.site/>

You can find us at Cad-re Feeds in Soldotna, too!



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