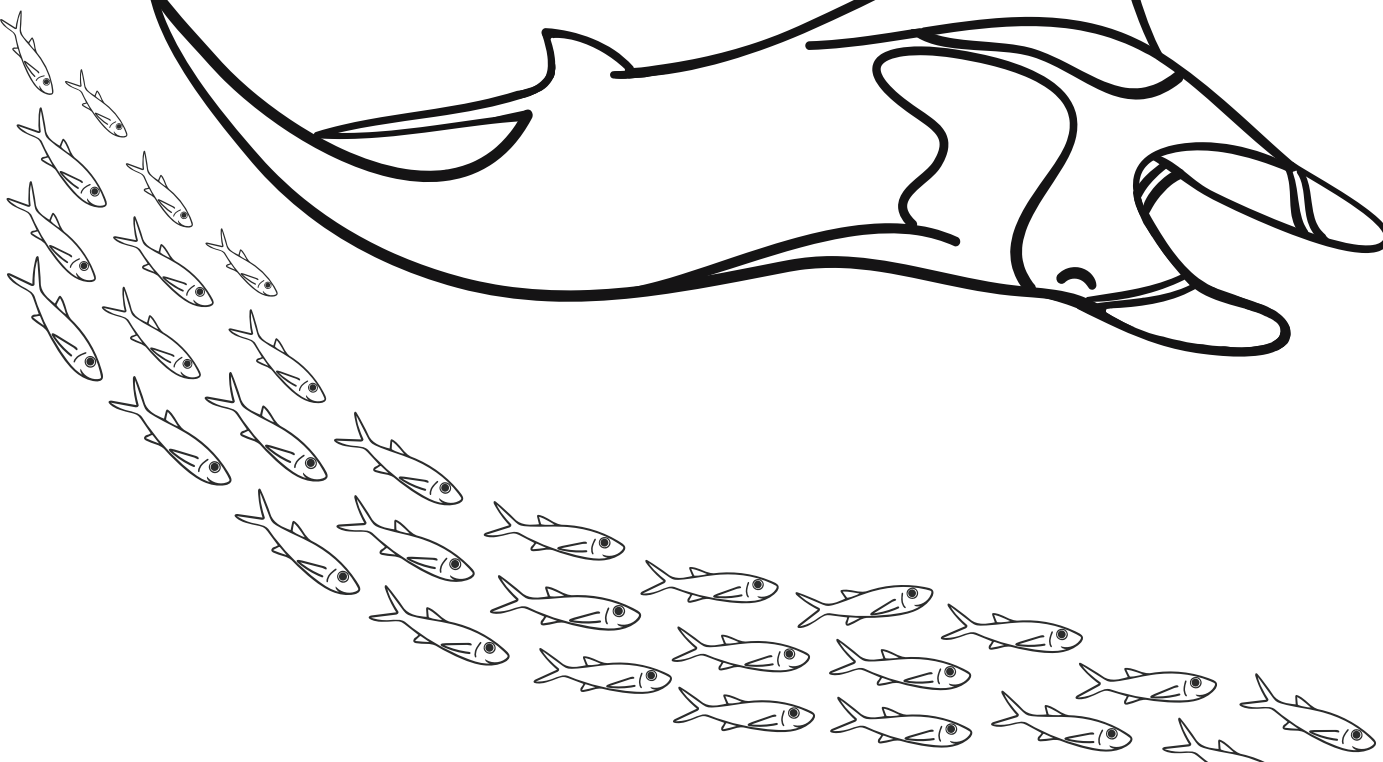
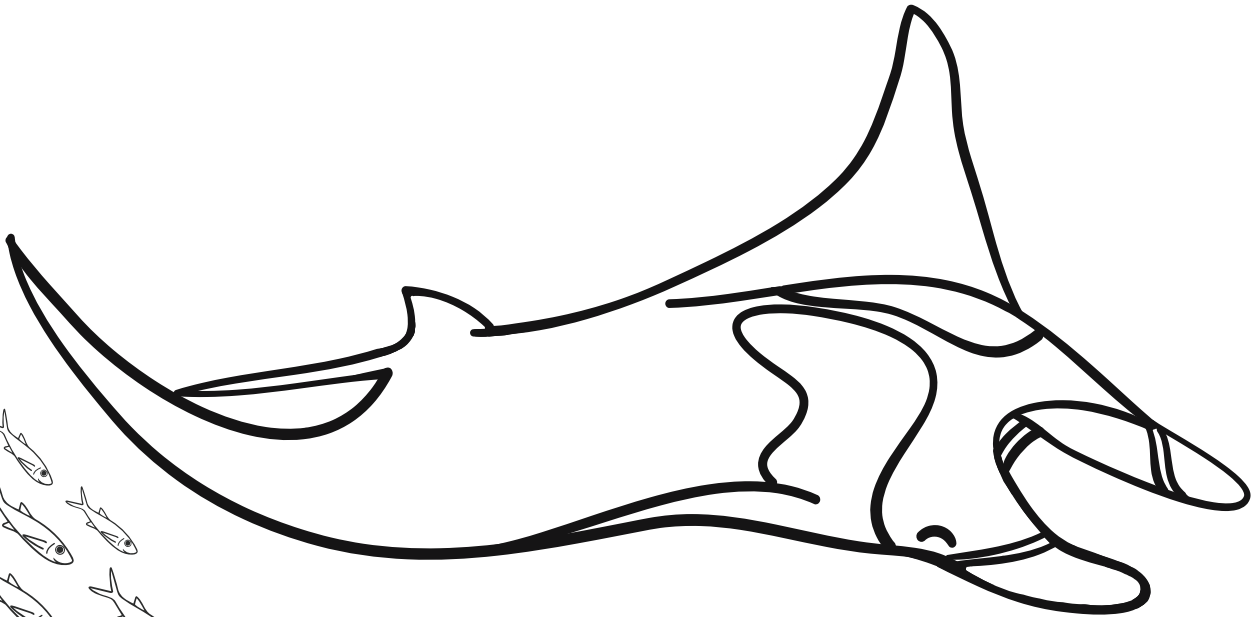




A Manta Ray Coloring Activity Book

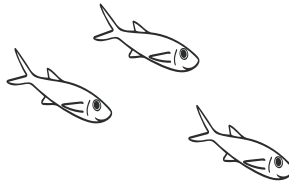
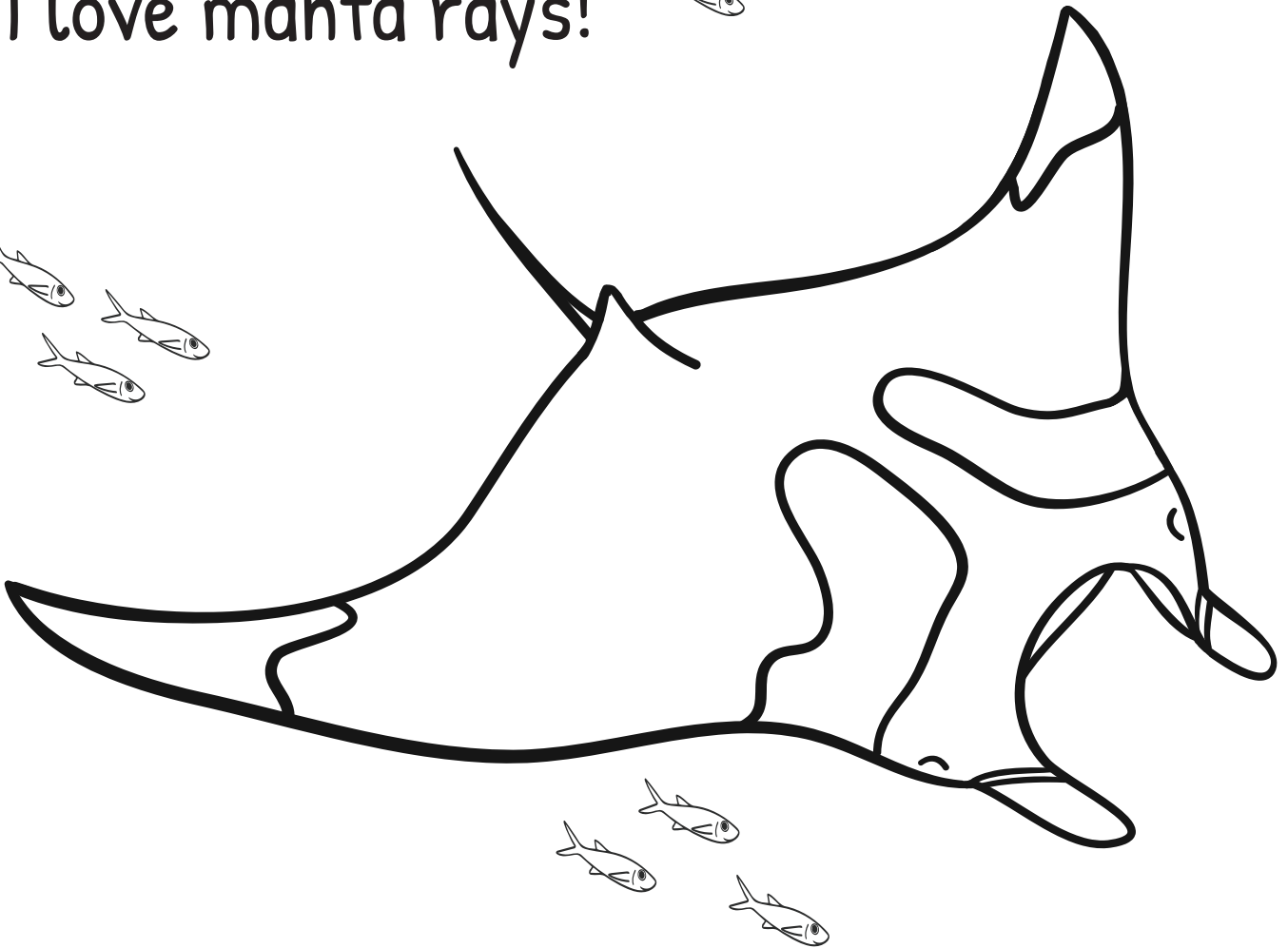
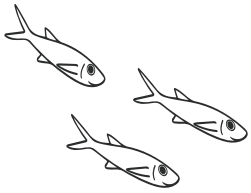
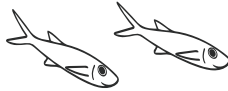
Created by Fin Pin Shop



My name is:



I love manta rays!



Let's Learn About Manta Rays!

The reef manta ray & oceanic manta ray

Animal name(s):

Reef Manta Ray & Oceanic Manta Ray

Species Name(s):

Mobula alfredi & *Mobula birostris*

Lifespan: Estimated 40-50 years

Size:

Reef manta rays can reach up to 15ft (4.5m) in width!

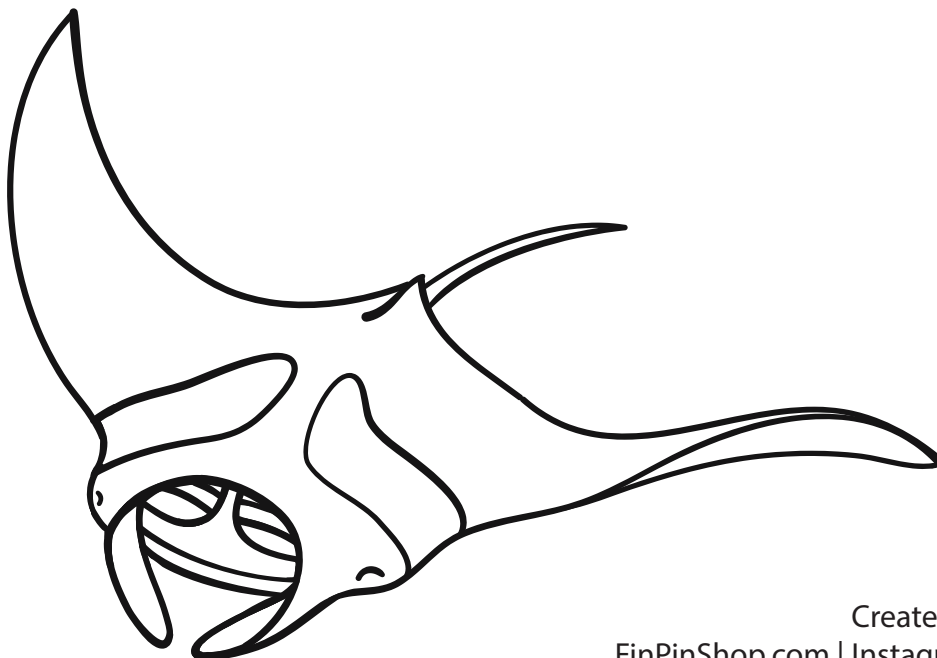
Oceanic manta rays can reach up to 22ft (7m) in width!

Where they live: Tropical and subtropical oceans worldwide

What they eat: microscopic plankton, small fish, and crustaceans

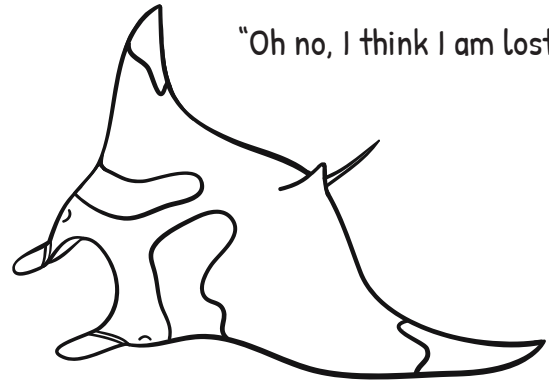
Endangered Status: Vulnerable to extinction

Fun fact: Manta rays have the largest brain (relative to body size) of any cold-blooded fish!



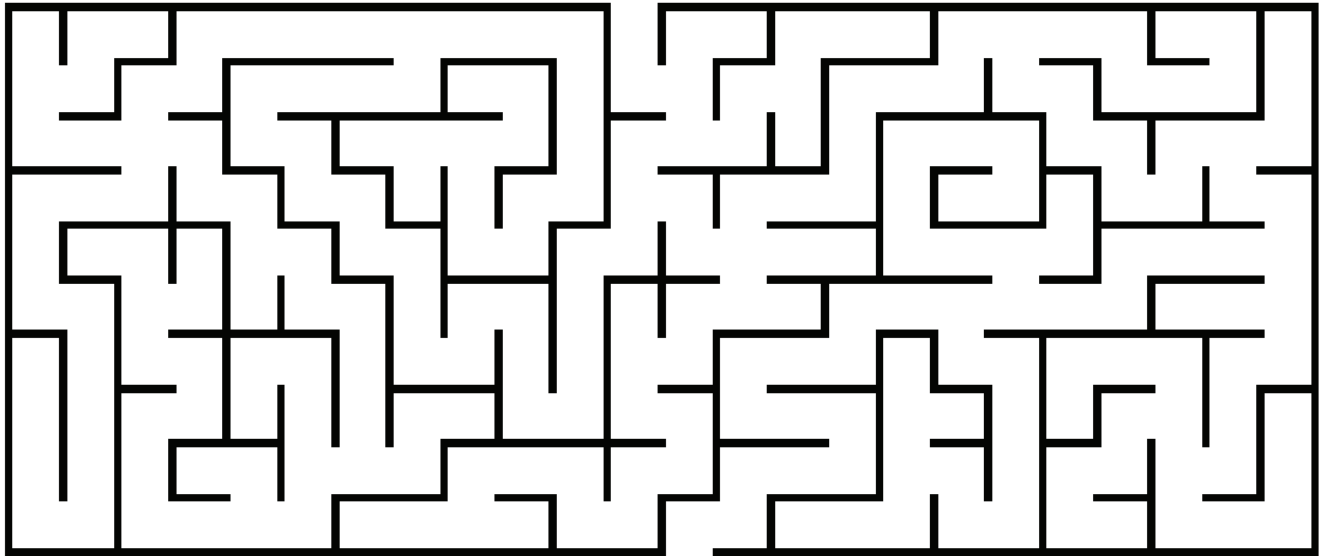
Manta Ray Maze

Our manta ray friend needs our help to guide her through this maze of coral! Can you help her swim through to her friend below?



"Oh no, I think I am lost!"

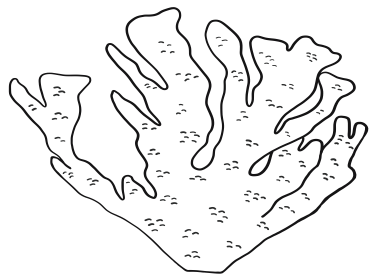
START



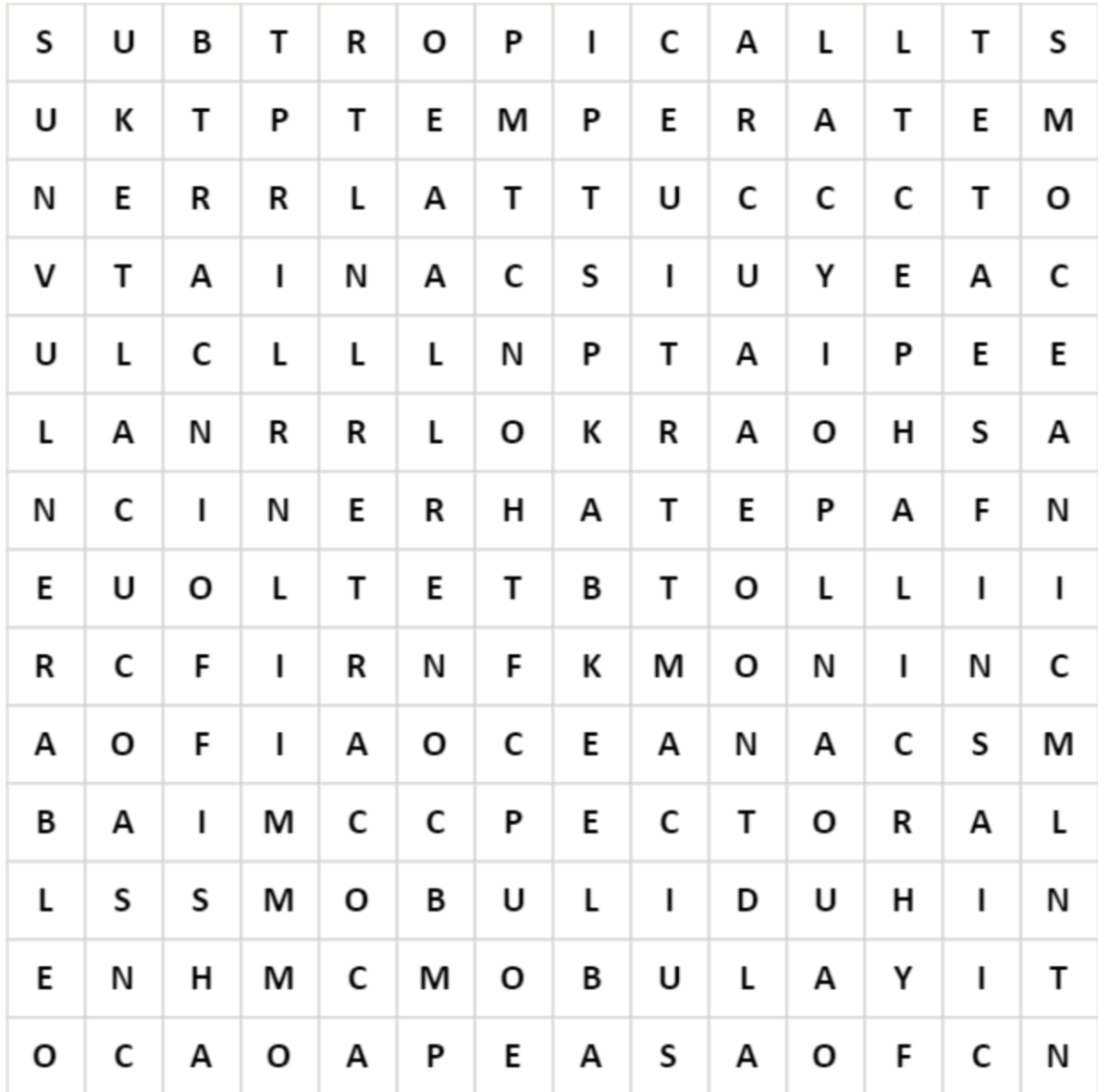
FINISH



"I've been waiting so long,
I am ready for a snack!"



Manta Ray Word Search



Words are hidden → ↓ ↘ ↗

Find the following words in the puzzle:



- | | | |
|------------|----------|----------|
| MANTA RAY | FINS | OCEANIC |
| KRILL | MOBULID | CEPHALIC |
| VULNERABLE | TROPICAL | REEF |
| MOBULA | PECTORAL | OCEAN |
| FISH | | |

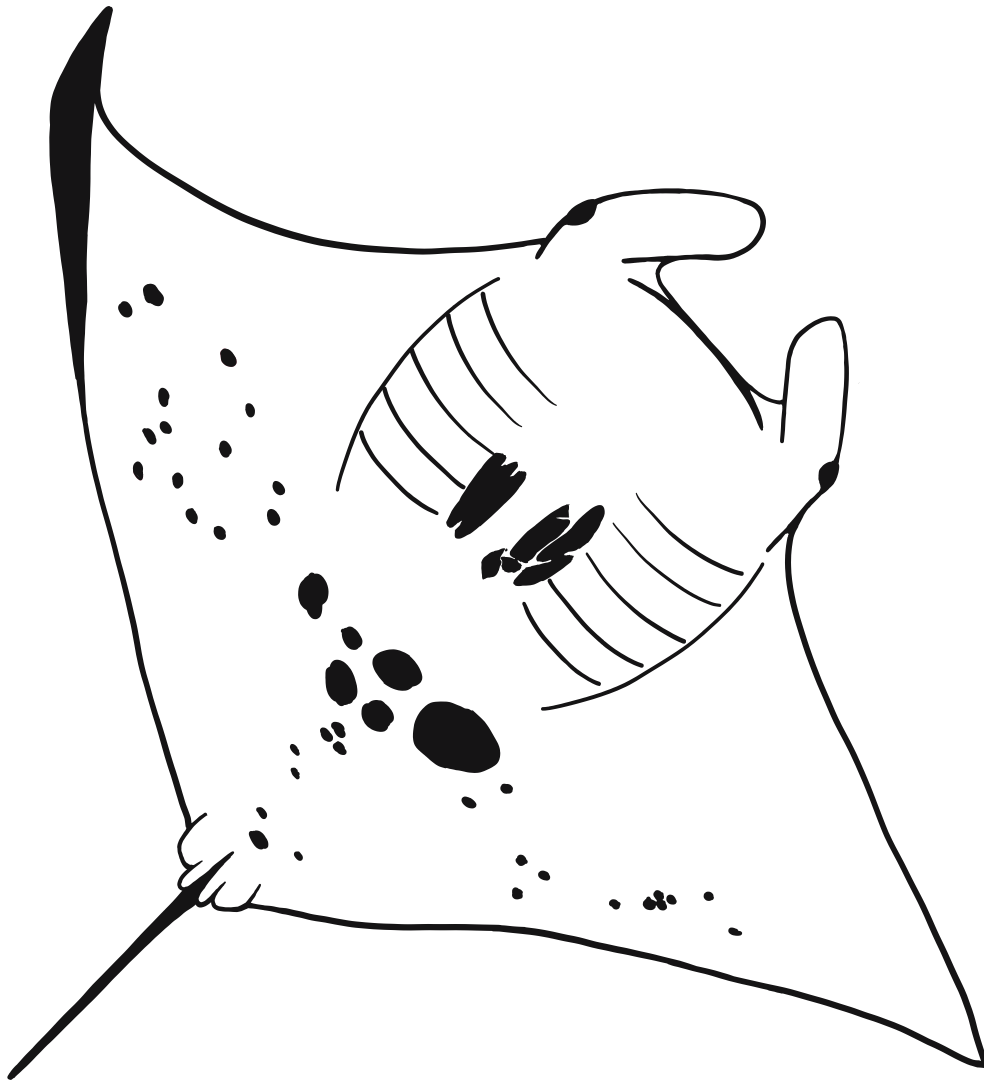
Manta Ray Spots

Researchers identify individual manta rays by the spot patterns on their belly!

These markings are unique to each manta, just like our fingerprints are to us.

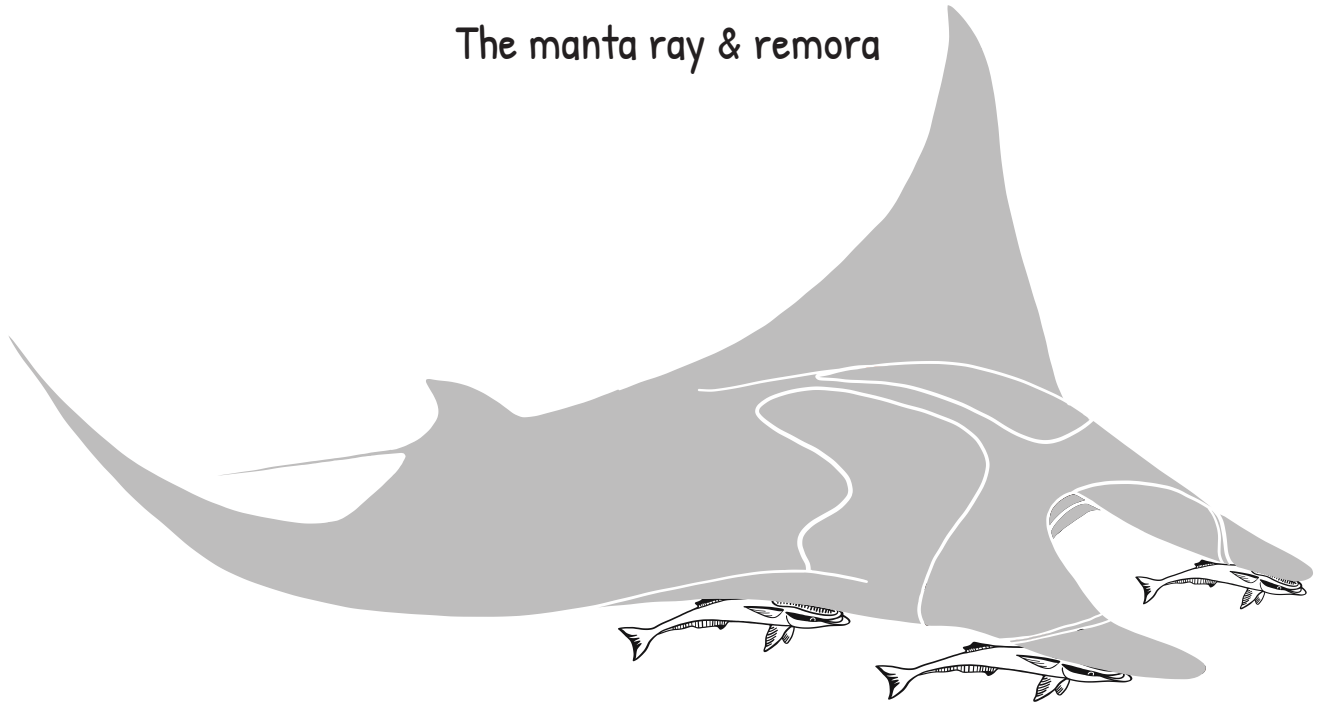
Once a manta ray is identified, it is given a name by whoever is first to document it!

Next time you come across a manta ray, make sure to take a photo of their belly!

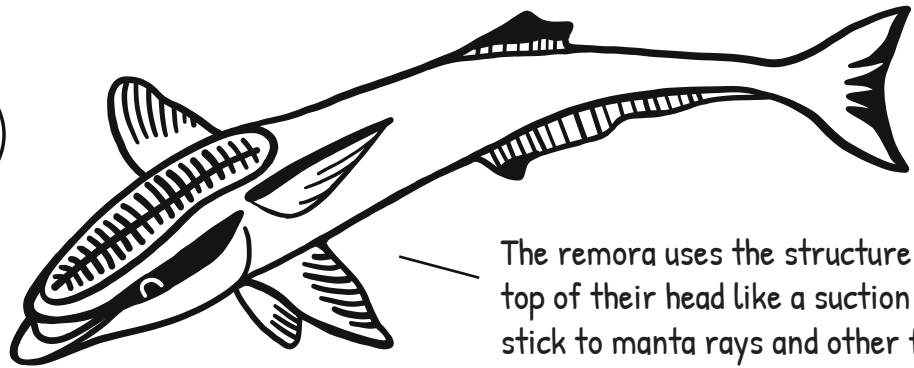


Meet the remora!

The manta ray & remora

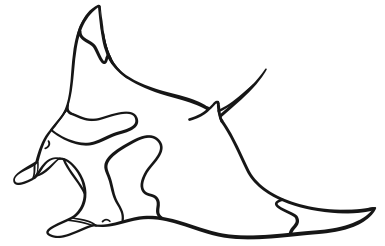


Manta rays and remora have a special relationship, called mutualism. In this relationship, both manta rays and remora benefit! Remora use manta rays for protection, food scraps, and a free ride. In return, remora clean any bacteria and parasites off the skin of the manta ray! Since both are happy with this agreement, you can frequently see manta rays swimming with quite a few remora attached to them!



The remora uses the structure on the top of their head like a suction cup to stick to manta rays and other fish, like sharks!

Puns!



Let's make fun sentences using manta ray word play!

Use the pun given to make a sentence.

Example:

Pun = Manta-be (play on "meant to be")

Sentence = I think remora and manta rays are manta-be!

Write your own sentence using "manta-be" below:

Pun = Fintastic (play on "fantastic")

Write a sentence using "fintastic" below:

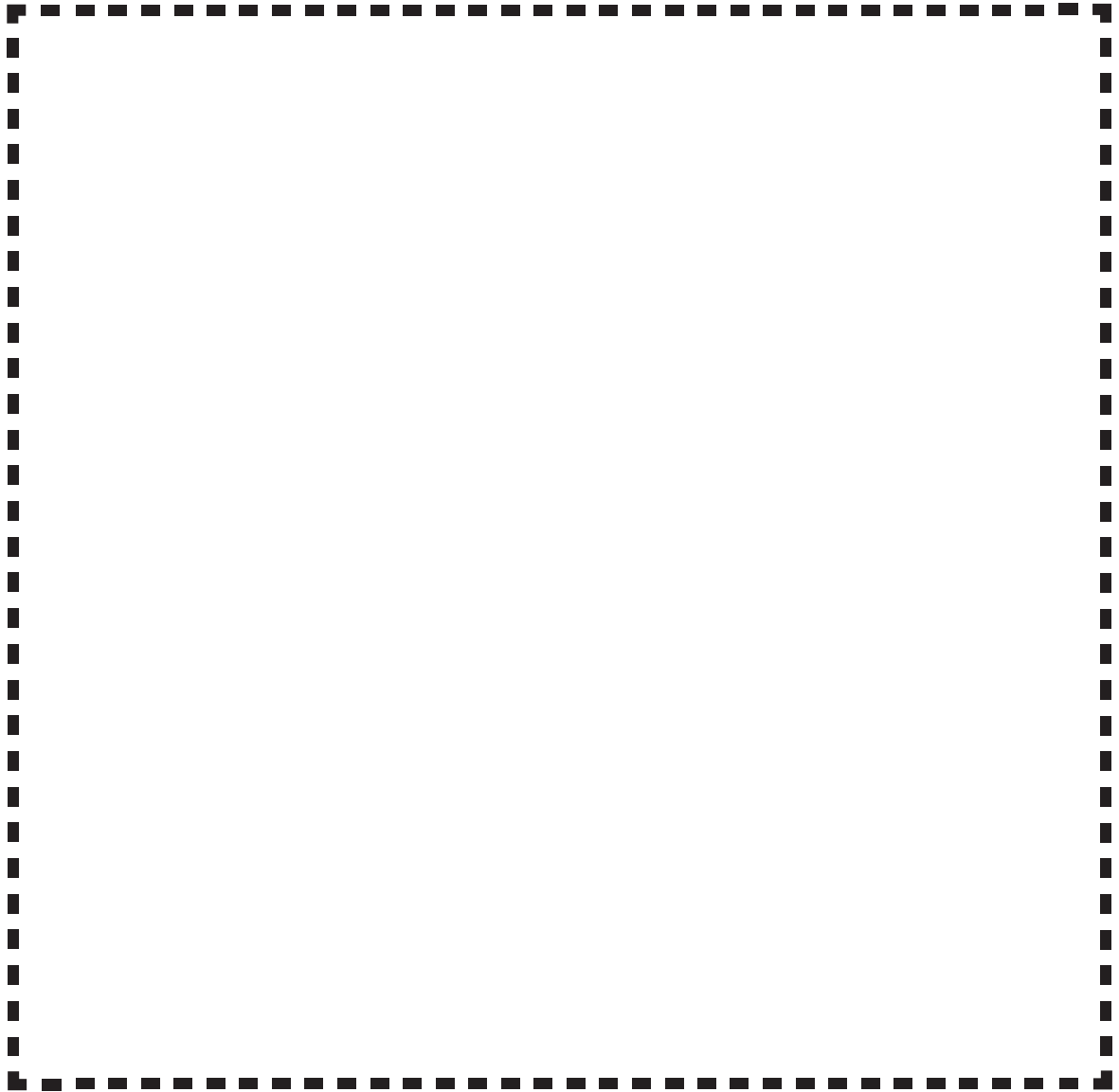
Pun = Mantastic (play on "fantastic")

Write a sentence using "mantastic" below:

Can you think of a pun? Write it down below!

Draw your own manta ray!

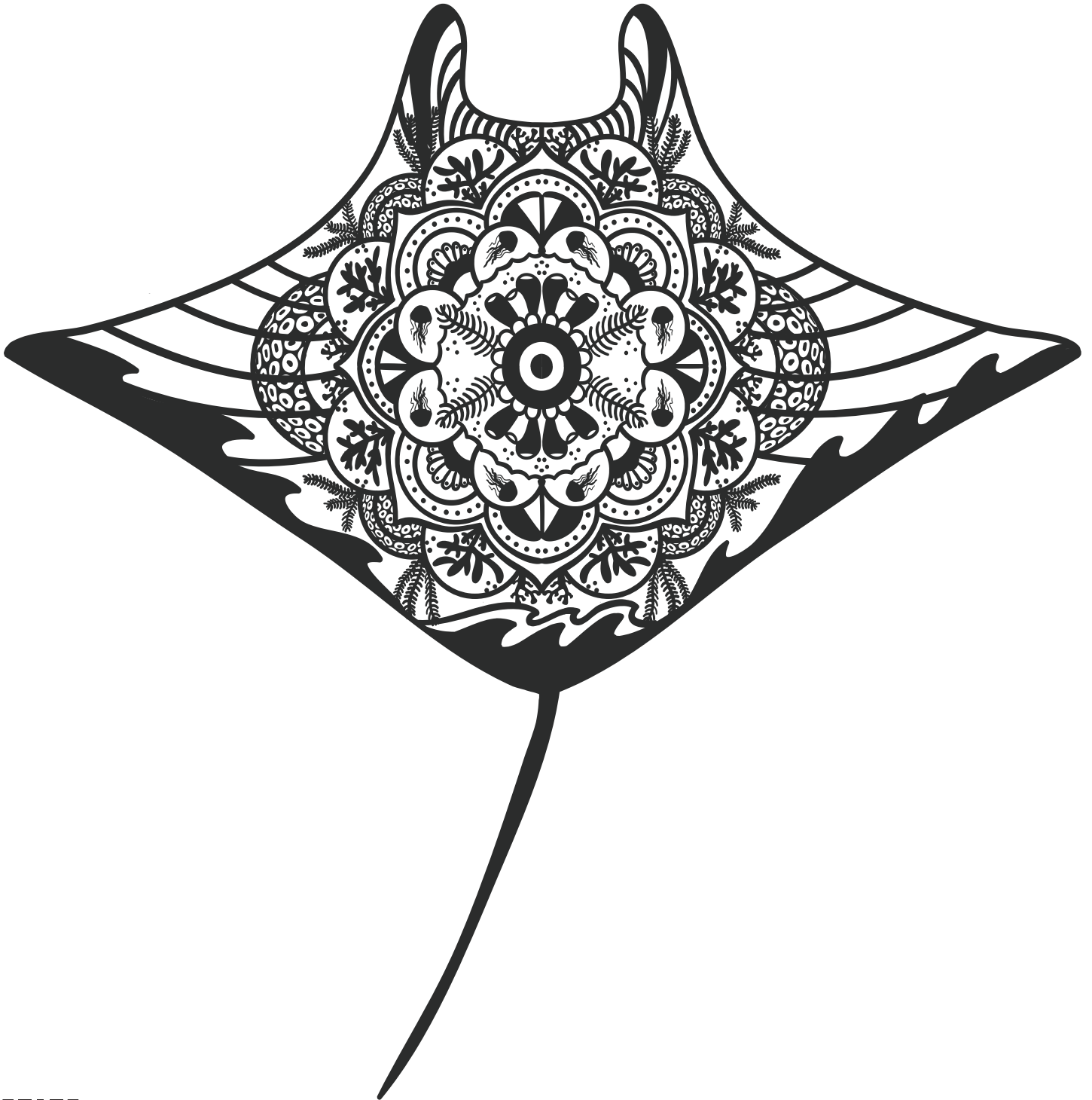
Use the box below to draw a manta ray. Have fun with it!



You can draw your manta ray
in whatever way you like!
Make it look real, or have polka dots,
stripes, you decide!



Coloring page

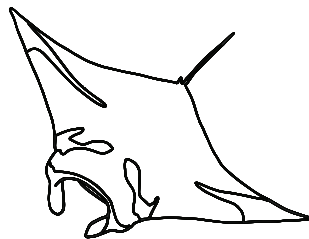


My pledge to save manta rays

I, _____, pledge to help manta rays by:

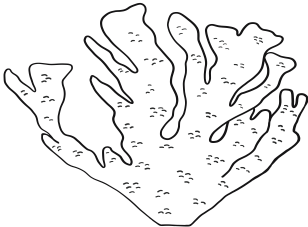
1. Refusing single-use plastic. An ocean full of plastic is not safe for manta rays. There are lots of eco-friendly alternatives for common single-use items. Choosing a bamboo toothbrush and silk floss can help keep plastic out of the ocean!
2. Going reusable. By using reusable items like a water bottle, utensils, and even food wrap, we can prevent plastic waste.
3. Recycling when possible. Check the recycling rules in your area to see what you can be recycling!
4. Learning more! There's so much to learn about manta rays and our ocean. Share fun facts and ways to help the ocean with friends and family, and let's challenge ourselves to never stop learning.

Signature: _____

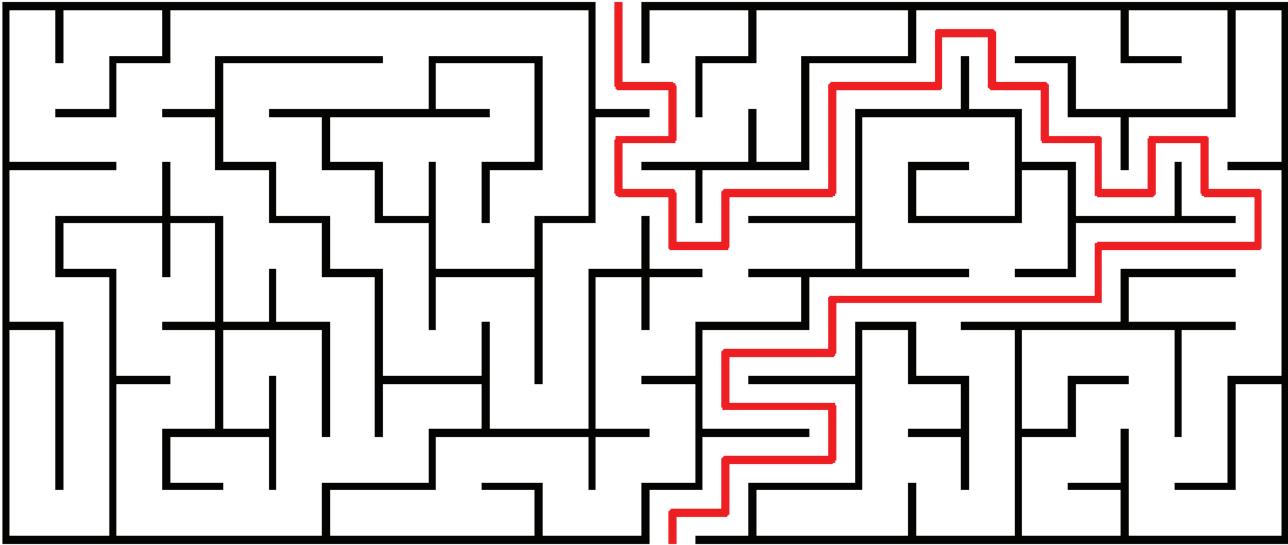


ANSWER KEY

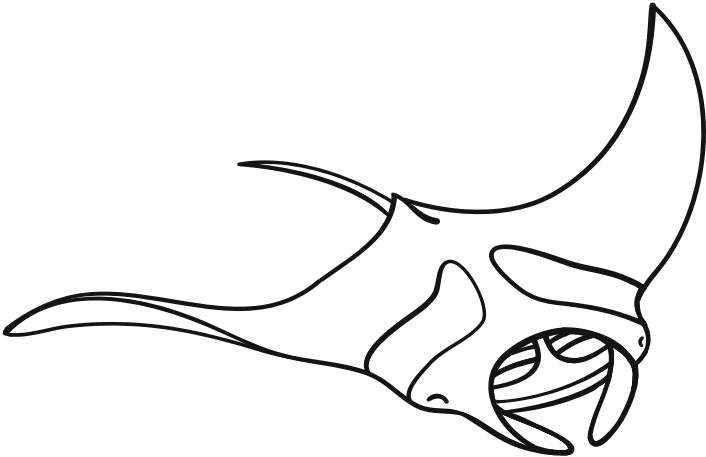
Manta Ray Maze



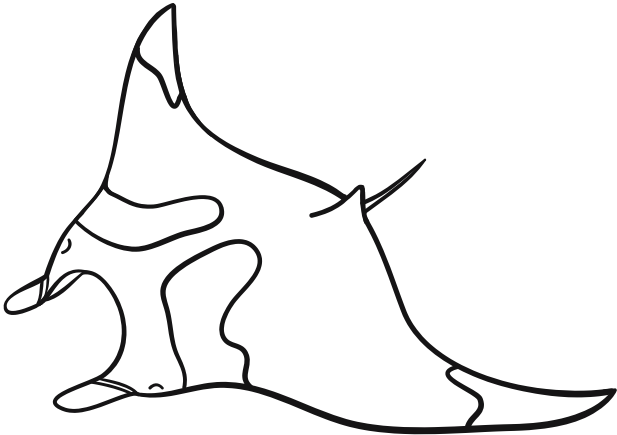
START



FINISH



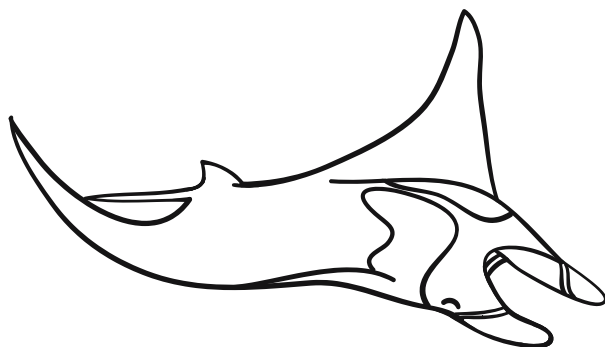
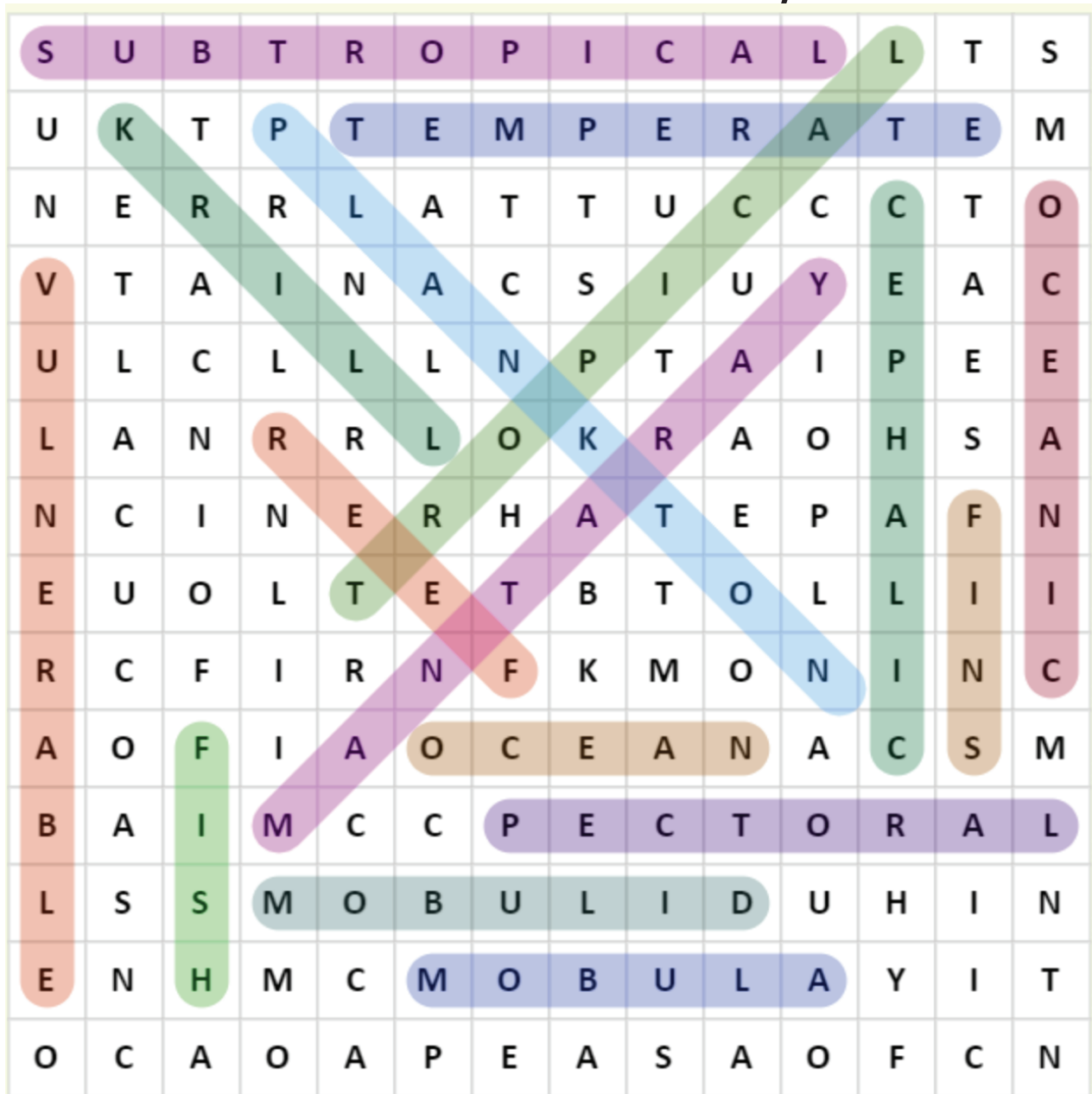
"YAY! Let's go snack on some plankton!"



"We did it!!"

ANSWER KEY

Manta Ray Word Search



MANTA RAY
KRILL
VULNERABLE
MOBULA
FISH

FINS
MOBULID
TROPICAL
PECTORAL

OCEANIC
CEPHALIC
REEF
OCEAN

About Fin Pin Shop

Fin Pin Shop is run by two women who want to share with the world our combined passion for marine life through ocean-themed products.

We are two biologists who love ocean puns and promoting an eco-friendly lifestyle.

To get to know more about us and what we do, visit FinPinShop.com

We hope you enjoyed our coloring activity book!

With love,

Yasmin & Jaclyn
Fin Pin Shop owners



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