

DIVISION OF COASTAL RESOURCES MANAGEMENT

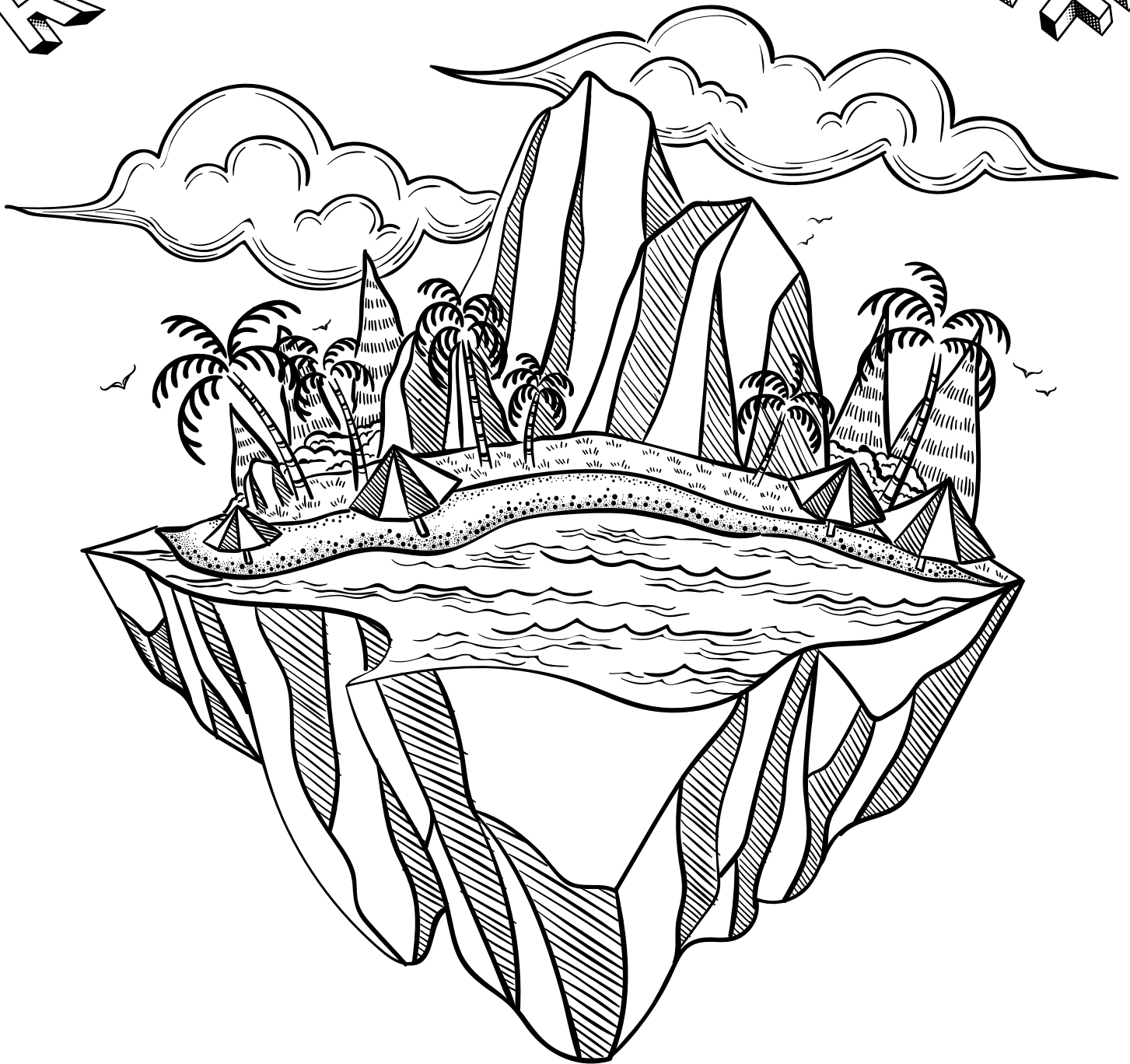
PROTECTING OUR ISLANDS FROM **RIDGE TO REEF**

AN EDUCATIONAL COLORING & ACTIVITY BOOK



Funding assistance provided by the Coastal Zone Management Act of 1972, as amended, administered by the Office for Coastal Management, National Oceanic and Atmospheric Administration

RIDGE TO REEF



**In the CNMI, everywhere you go from the mountain
to the sea you are in a coastal area. Let's work
together to protect our coastal resources from
Ridge-to-Reef!**

WHAT ARE COASTAL RESOURCES?

Coastal resources are all natural resources found in our ocean and its surrounding shorelines.

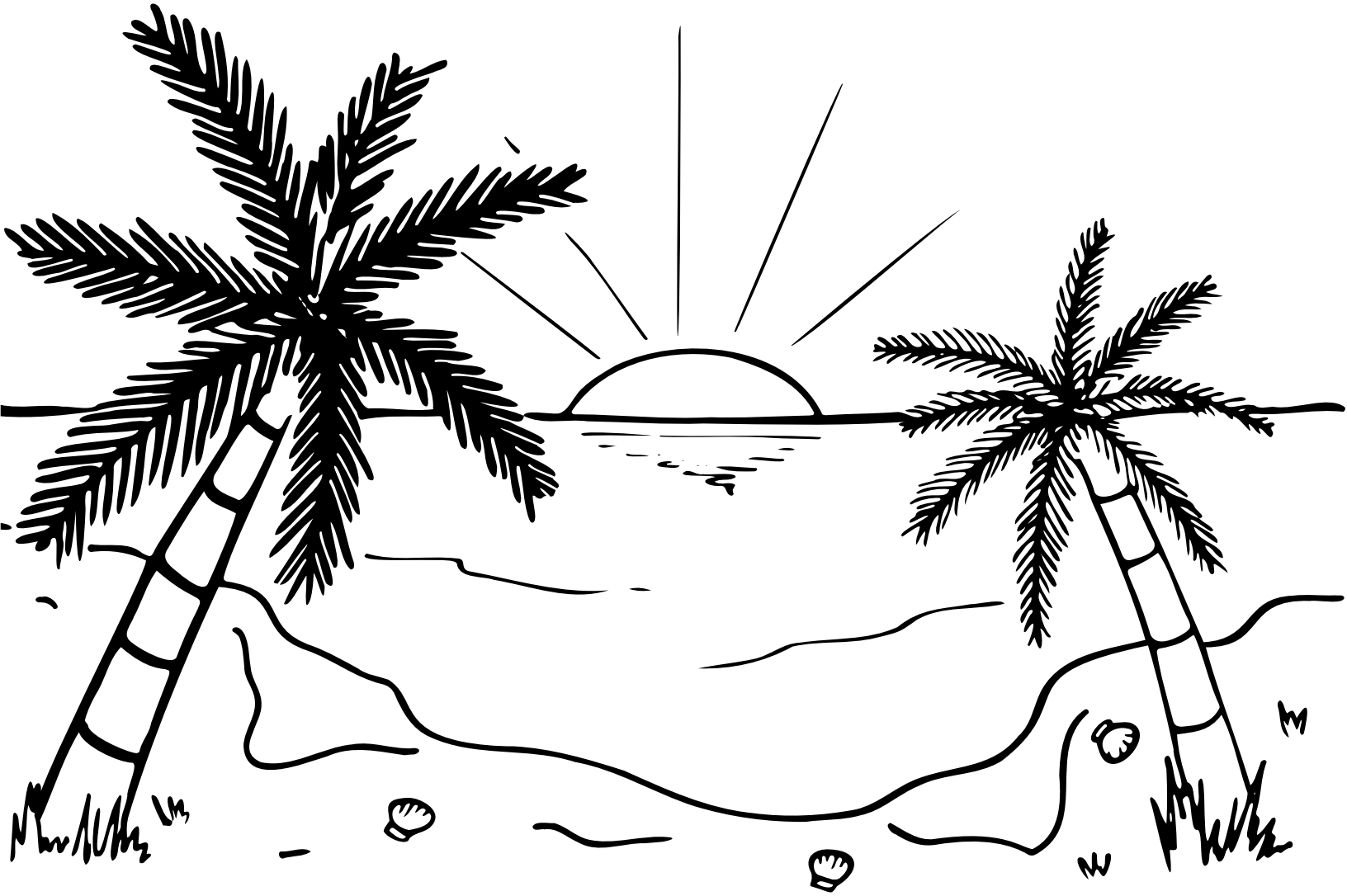
All natural resources in the CNMI are also coastal resources!

FIND EXAMPLES OF THE COASTAL RESOURCES IN THE PUZZLE

BEACH	SHORELINE	CORAL REEF	TREES	SEAGRASS
FISH	WETLAND	MANGROVE	ESTUARY	WATERSHED

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

YOUR FAVORITE BEACH



What is your favorite beach? _____

What is your favorite thing to do at the beach? _____

What do you see underwater? _____

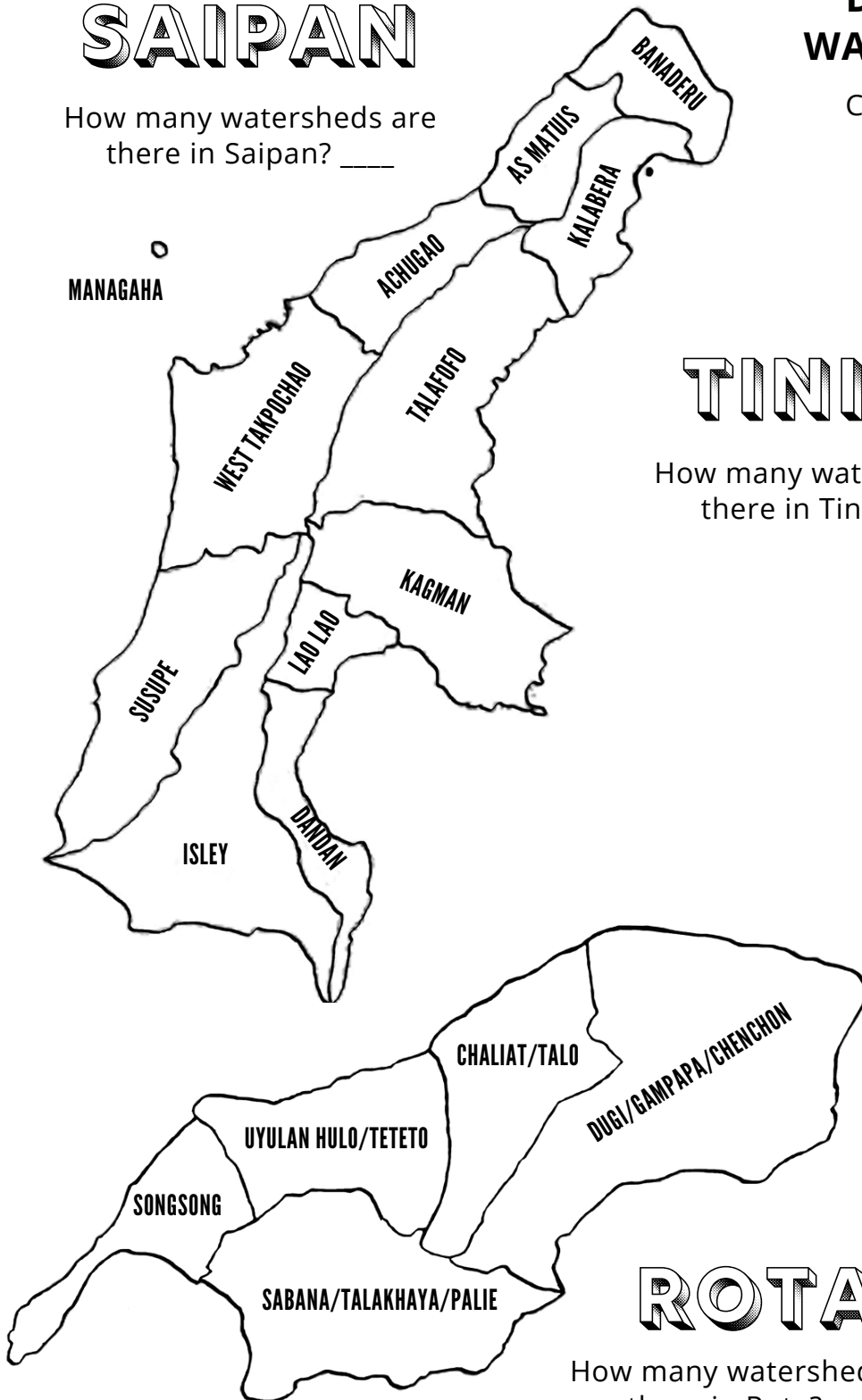
What do you see on the shore? _____

WATERSHED WARRIOR

A "watershed" is an area of land where water collects and flows into a shared body of water – in the CNMI, that is the ocean!
We have four priority watersheds: West Takpochao, LaoLao Bay, & Achugao on Saipan and Talakhaya in Rota!

SAIPAN

How many watersheds are there in Saipan? ____



DO YOU KNOW WHAT WATERSHED YOU LIVE IN?

COLOR IN THE FOUR PRIORITY WATERSHEDS AND THE WATERSHED YOU LIVE IN!

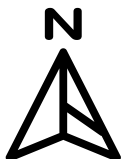
TINIAN

How many watersheds are there in Tinian? ____



ROTA

How many watersheds are there in Rota? ____



OUR SHORELINES NEED OUR HELP

Coastal erosion threatens our islands. We can help stabilize our shorelines by applying for permits when needed, maintaining beach vegetation, and picking up trash whenever we see it.



NATURAL EROSION



UNNATURAL EROSION

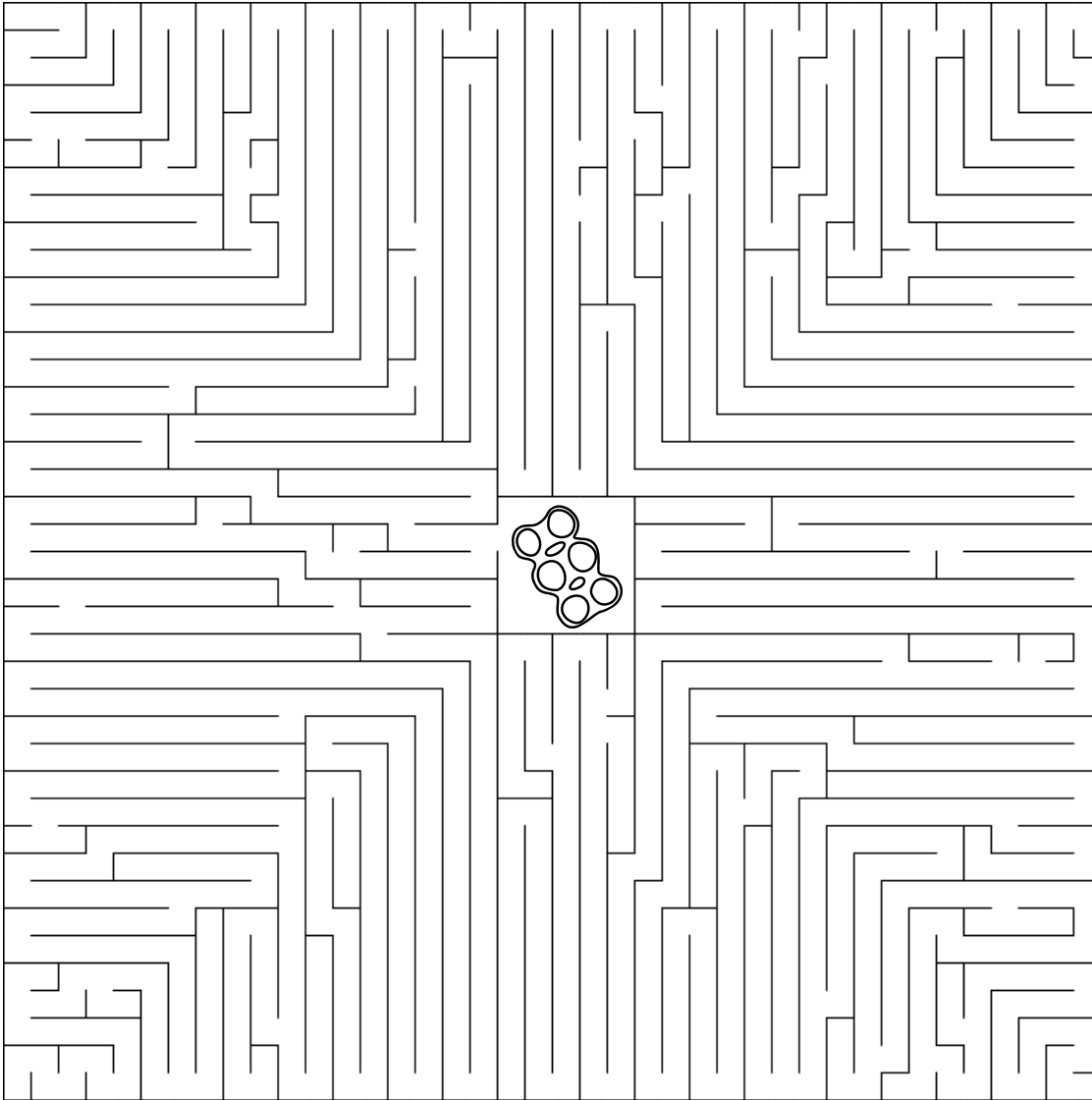
MANGROVES



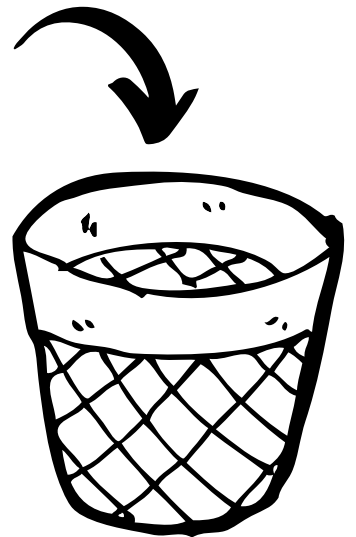
Mangroves are an important part of our ecosystem. Their dense roots help bind and build soil and often times filter pollution, which helps stabilize our shorelines and improves water quality.

MANGROVE MAZE

**Pollution can often get tangled in mangrove roots.
It's our job keep to our mangroves clean and healthy!**

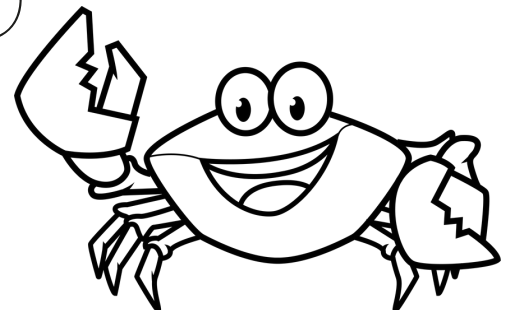
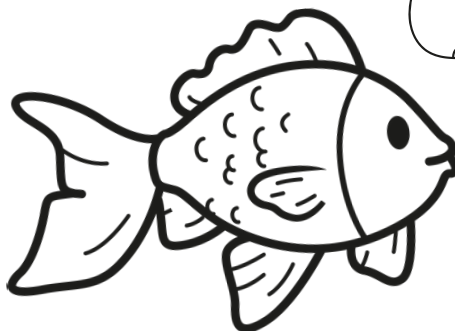
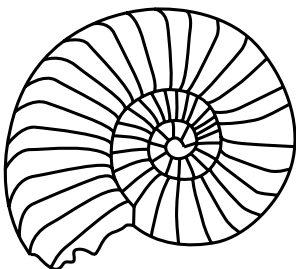


PRETEND THE MAZE
IS LIKE MANGROVE
ROOTS. START IN
THE MIDDLE AND
HELP THE TRASH
FIND ITS WAY INTO
THE TRASH BIN!



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You can find many different marine animals
in mangroves like fish, jellyfish, mollusks
and crabs.

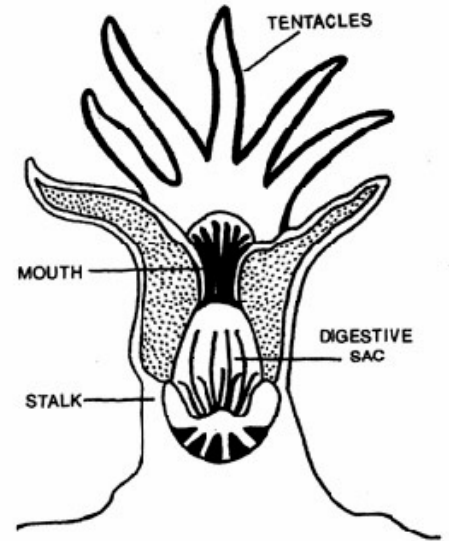


CORAL REEFS

Coral reefs are made up of hundreds of thousands of microscopic animals called **CORAL POLYPS**, that look like this ->

Our coral reefs provide us with protection from storms and erosion, food, jobs for our community, and offer opportunities for recreation.

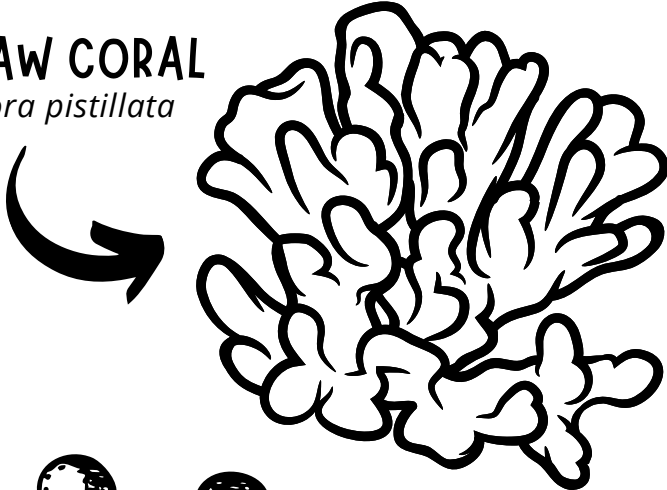
The CNMI is home to 256 different species of coral -that makes up 32% of the world's known coral species!



SOME OF THE MOST COMMON CORAL SPECIES THAT WE CAN FIND IN THE CNMI ARE

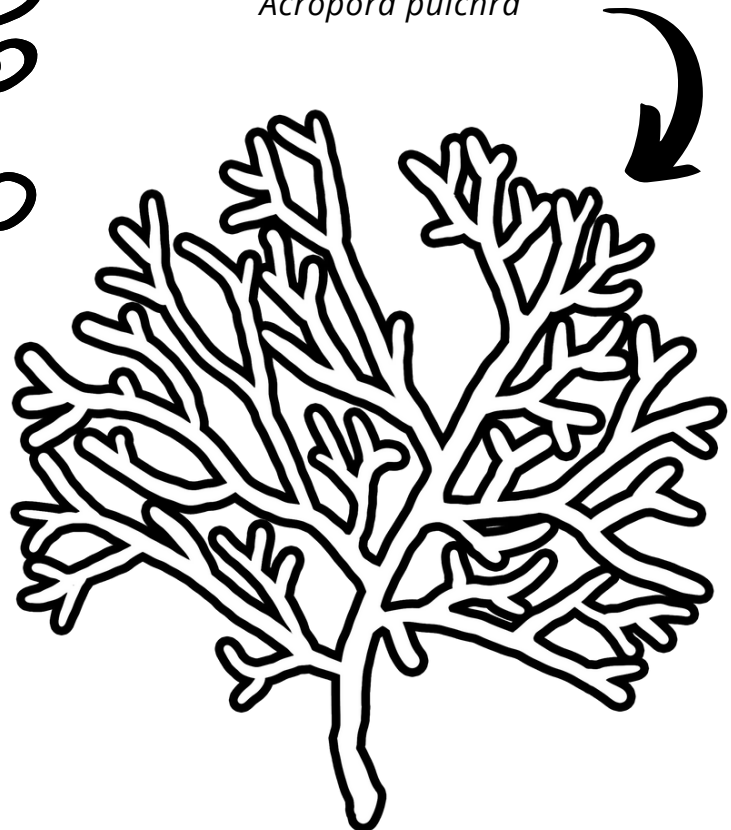
CATS PAW CORAL

Stylophora pistillata



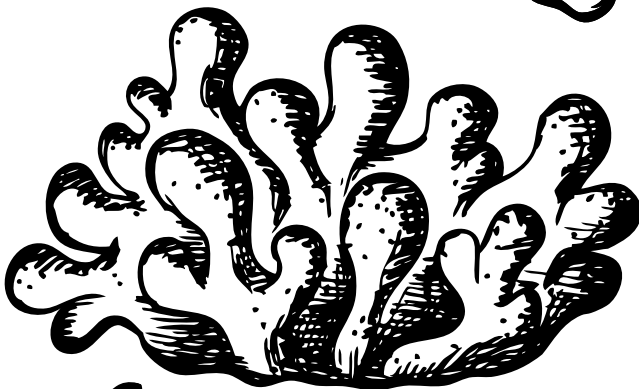
STAGHORN CORAL

Acropora pulchra

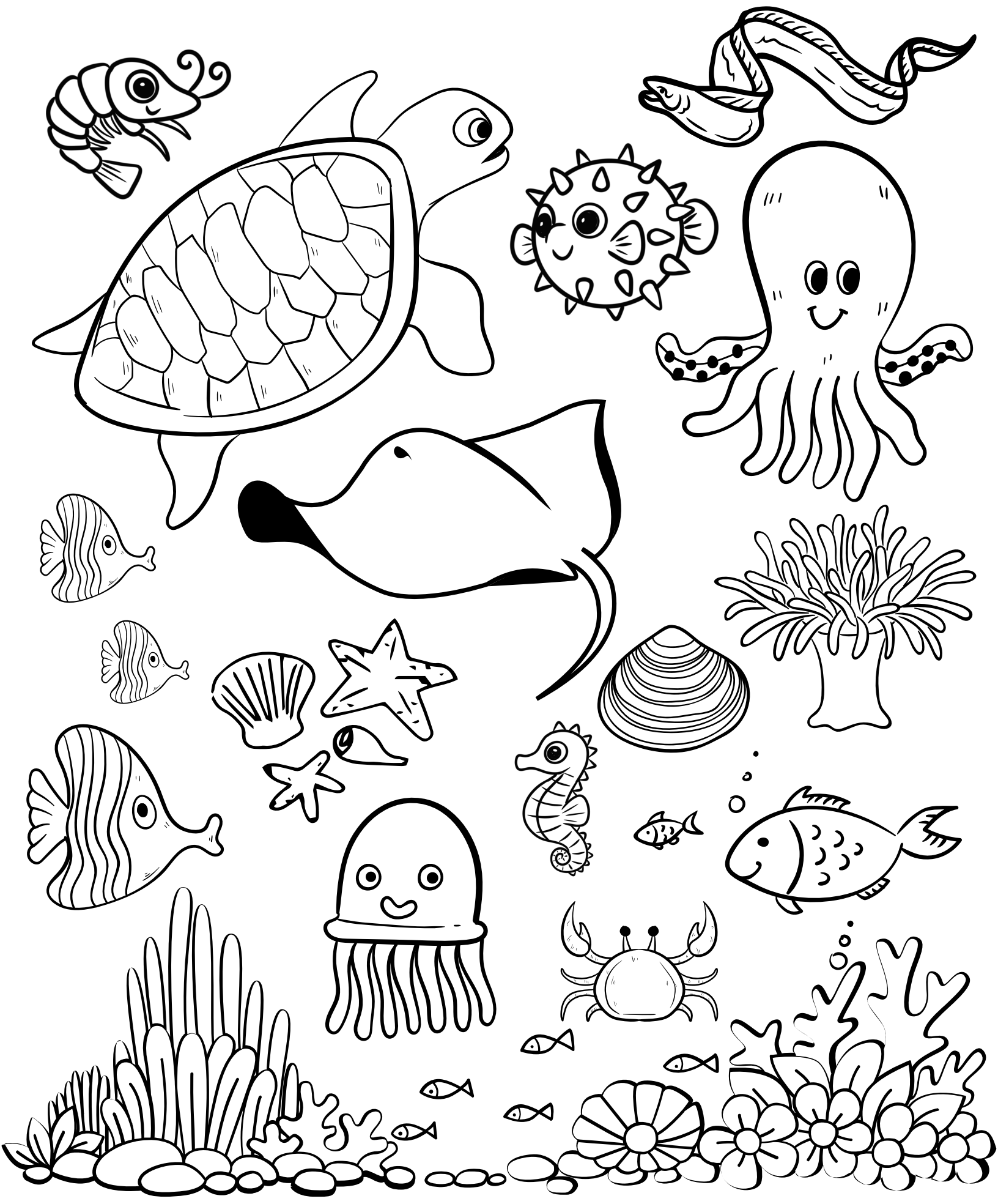


HUMP or FINGER CORAL

Porites cylindrica



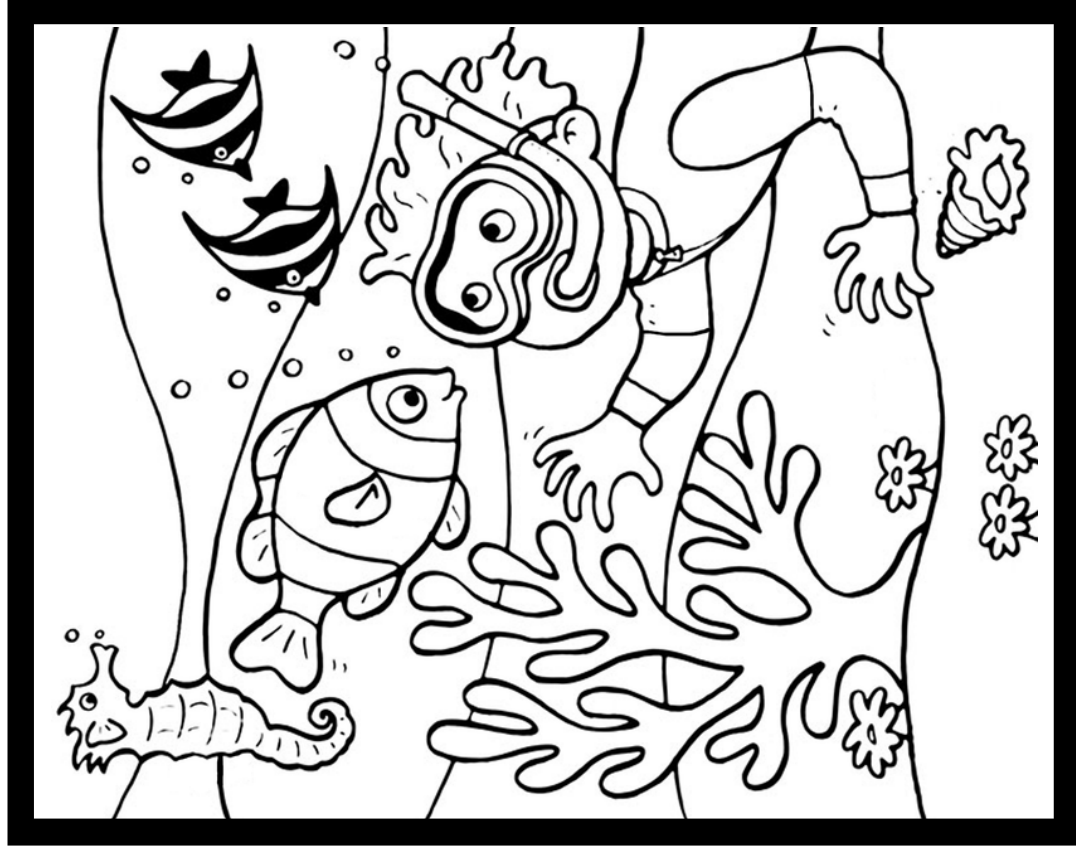
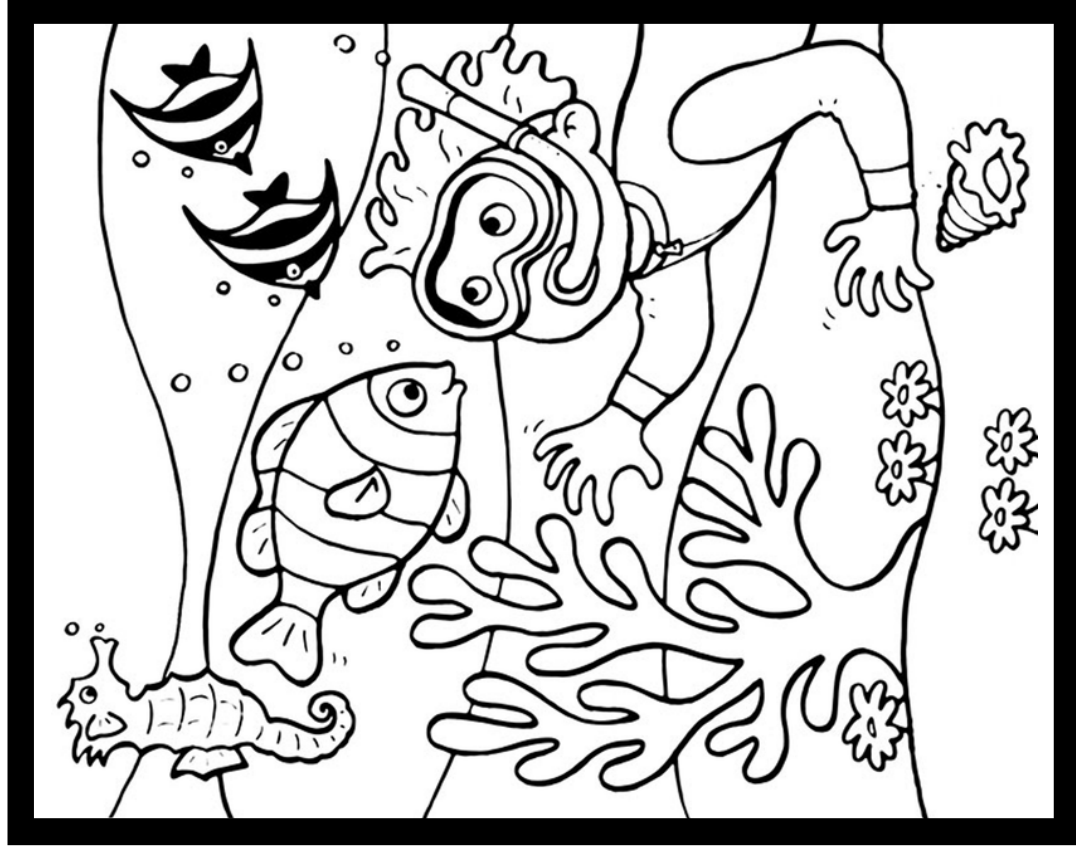
WHAT DO YOU SEE ON THE REEF?



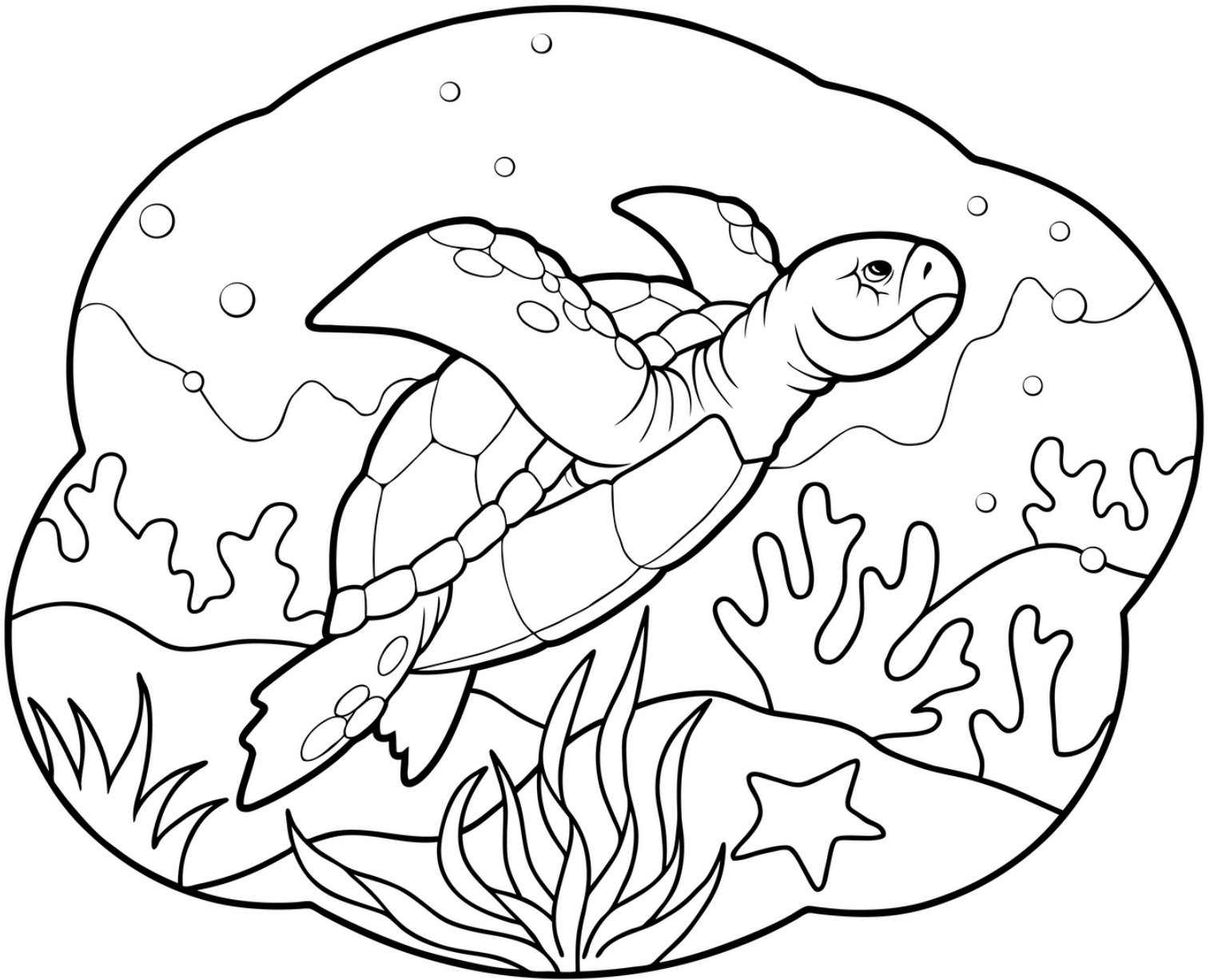
SPOT THE DIFFERENCE

Our ocean provides us with many different recreational activities to enjoy like swimming, surfing, paddle boarding, and especially snorkeling. Seeing sea creatures and coral reefs underwater can help us learn more about marine ecosystems.

CAN YOU SPOT FIVE (5) DIFFERENCES IN THE PHOTOS BELOW?



SEA TURTLES



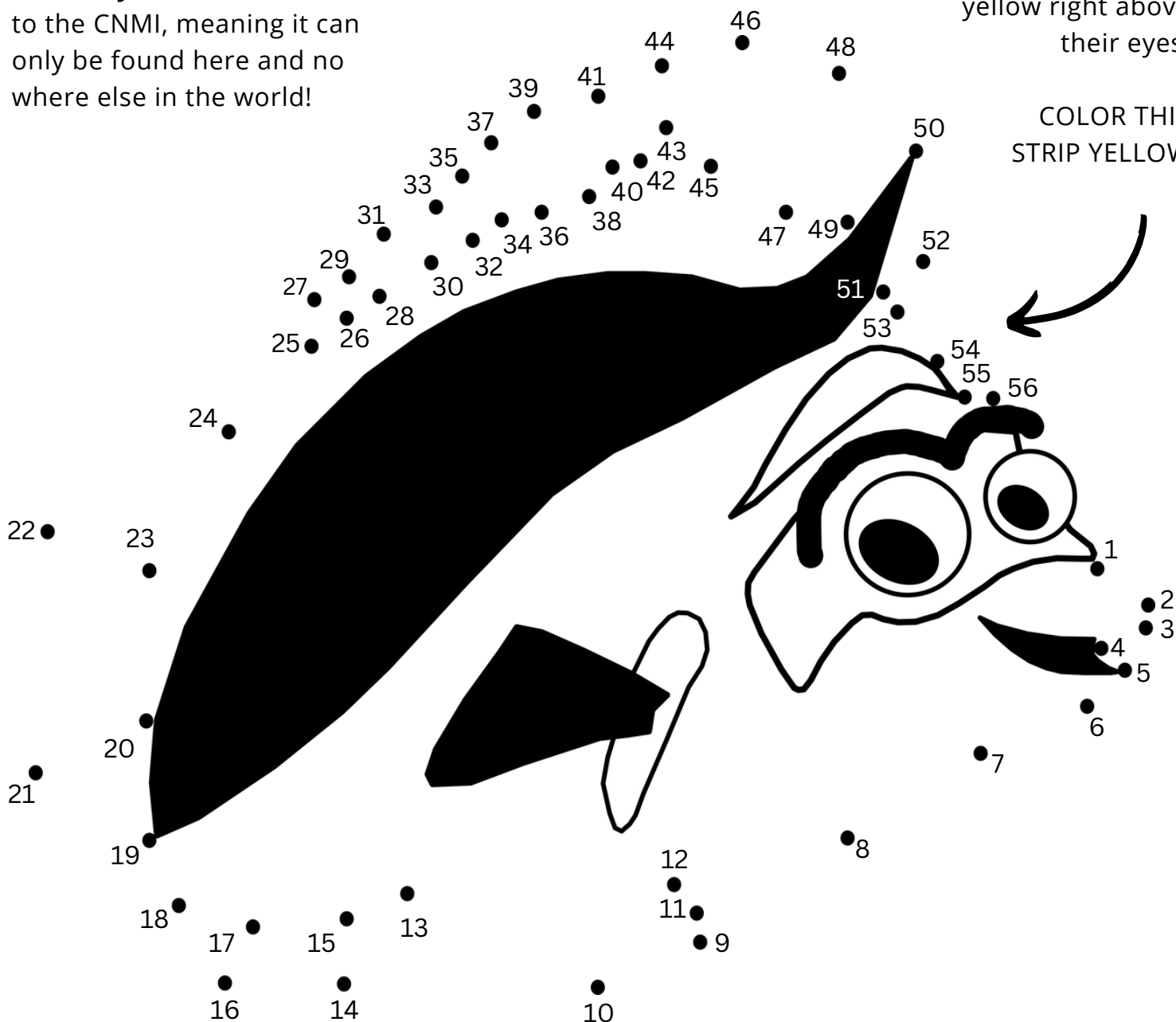
**Sea turtles live in our coral reefs. They help the coral reef ecosystem and our oceans stay healthy. There are four types of sea turtles in the Pacific Ocean:
Green, Olive Ridley, Leatherback, Hawksbill, and Loggerhead.**

YELLOW-CROWNED BUTTERFLY FISH

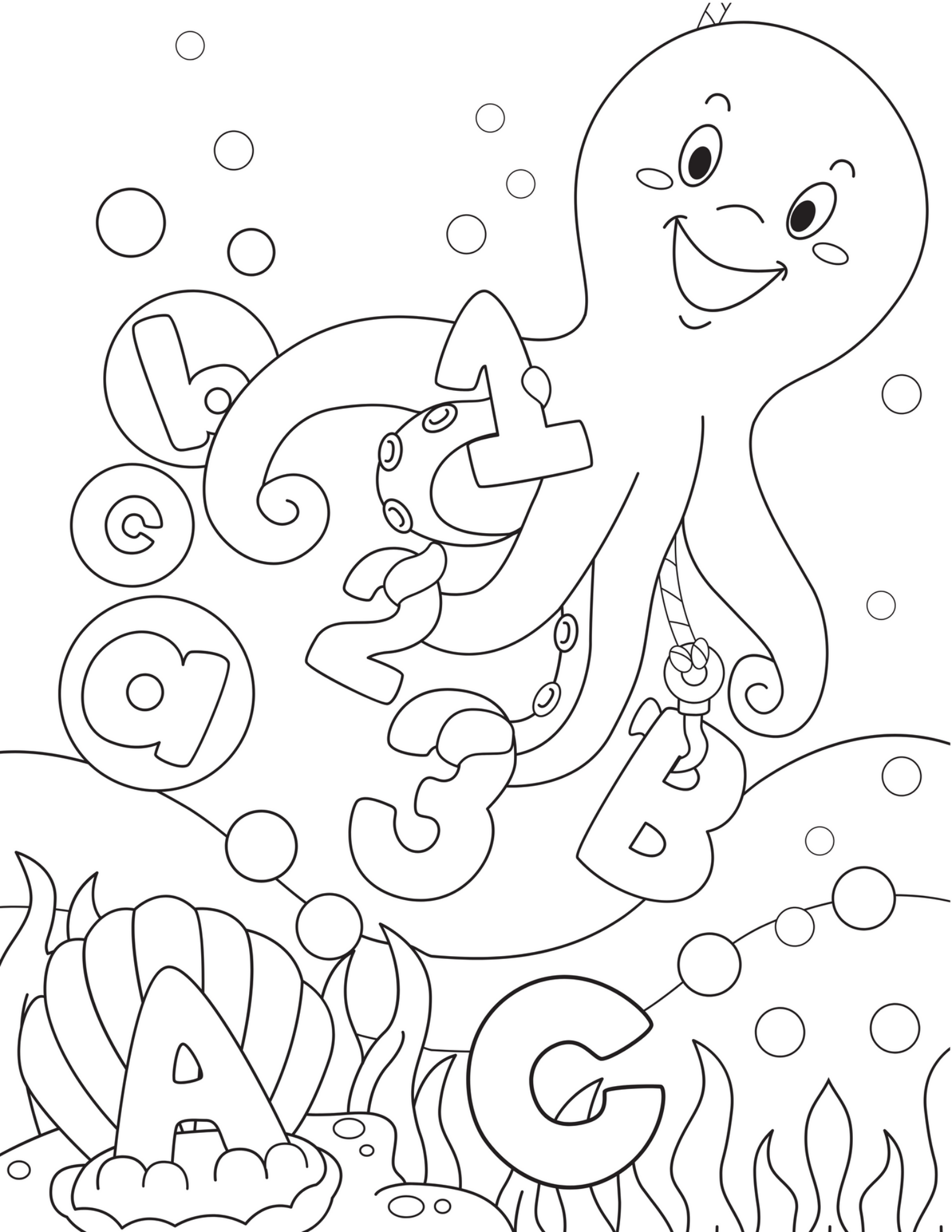
The **yellow-crowned butterfly fish** is endemic to the CNMI, meaning it can only be found here and nowhere else in the world!

They get their name from the strip of yellow right above their eyes!

COLOR THIS STRIP YELLOW



DCRM's mascot is the yellow-crowned butterfly fish and his name is PRIMO!



WANT TO LEARN MORE ABOUT OUR COASTAL RESOURCES?

CONTACT THE DIVISION OF COASTAL RESOURCES MANAGEMENT



Tel.: (670) 664-8300

Instagram: @GoingCoastal_CNMI

Facebook: @CNMIDCRM

or scan the QR code to visit our website at
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