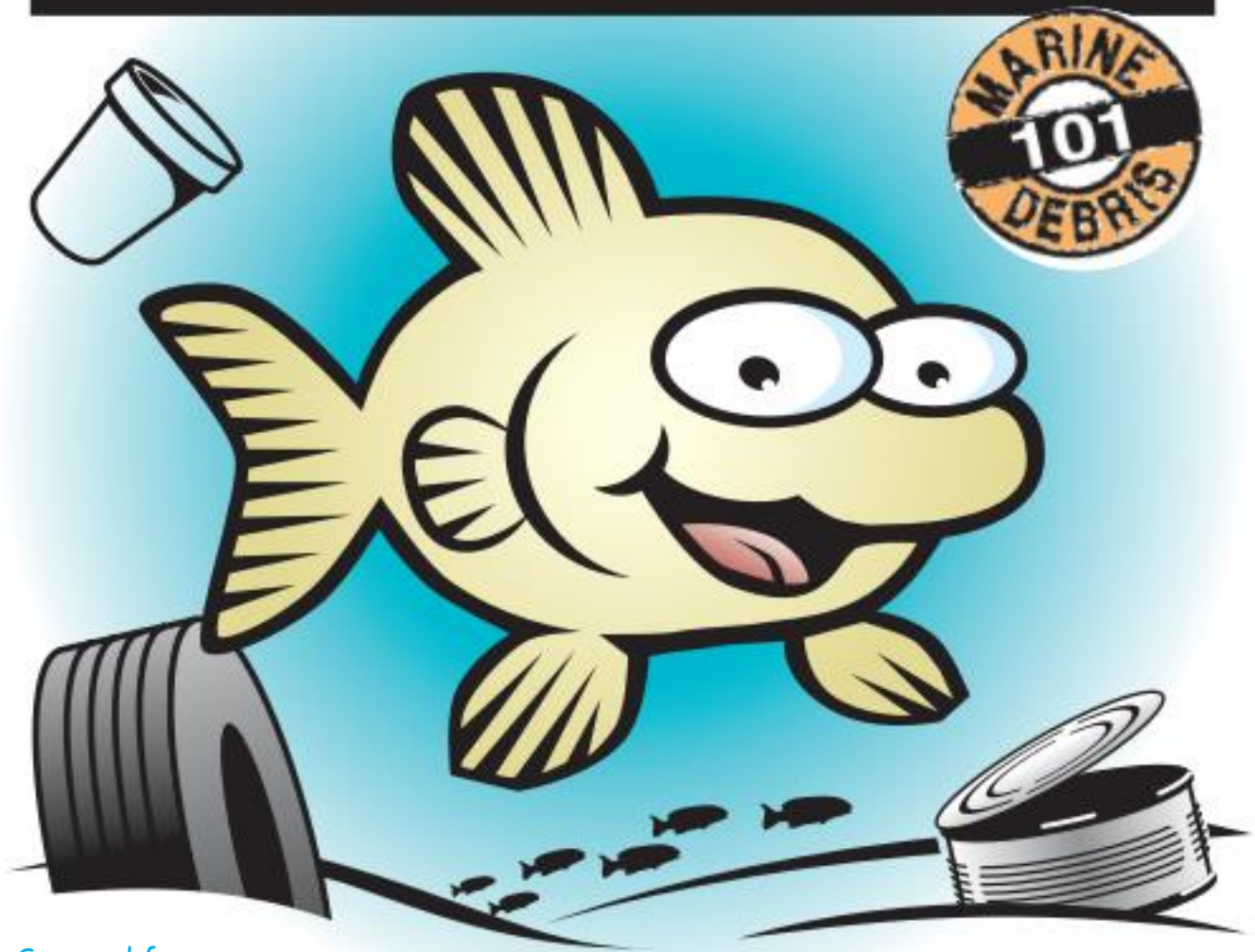


UNDERSTANDING MARINE DEBRIS

GAMES & ACTIVITIES FOR KIDS OF ALL AGES



Sourced from:

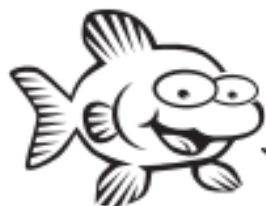
Sealsitters.org, sketchite.com, abcteach.com and



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
Office of Response and Restoration
Marine Debris Program

Compiled and edited for oceanchampions.ca by Michelle Mech

Tons of Trash!



Litter is generated by many sources, from boats and oil rigs on the water to picnickers, fishermen, and beachgoers along the shore. Hidden below is a list of objects that have been discarded into our oceans. See if you can find them all!

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

These hidden words are found horizontally, vertically and diagonally. (Answers on page 13).

BAIT CONTAINER
BALLOON
BUCKET
BUOY
CIGARETTE

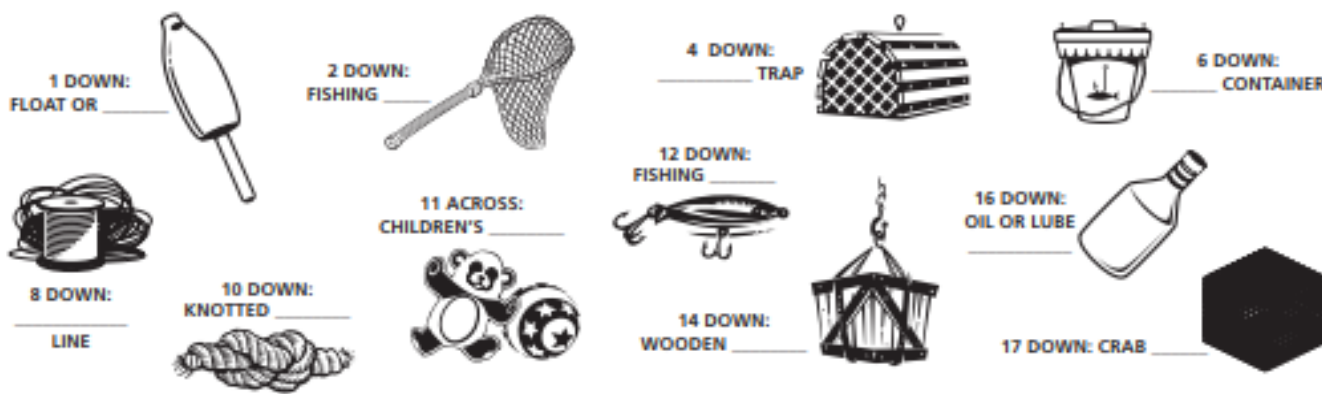
CRATE
CUP
DIAPER
DOLL
FISHING LINE

FISHING NET
GLASS BOTTLE
GLOVE
HARD HAT
HOSE

LUMBER
PAINT BRUSH
RADIO
ROPE
RUG

SHOE
SODA CAN
STRAW
TIRE
TRASH BAG

Types of Marine Debris



MARINE DEBRIS COMES FROM MANY SOURCES

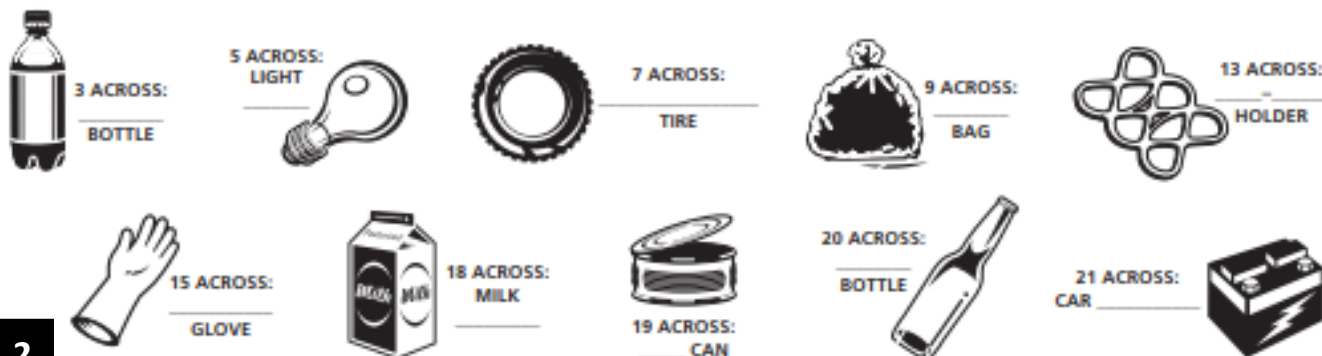
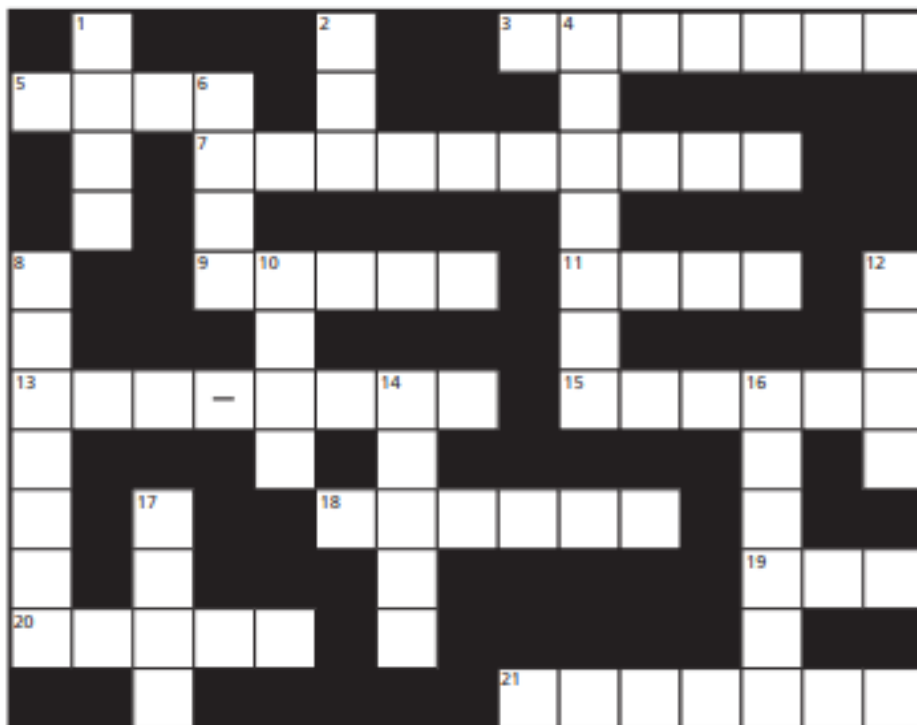
ACROSS:

These litter items are generated by people on land such as beachgoers, picnickers, and those who improperly dump their trash.

DOWN:

These litter items are generated by people at sea such as boaters, fishermen, and passengers on cargo or cruise ships.

PARENTS CAN HELP!
(Answers on page 13)



The Source of the Problem

PARENTS CAN HELP!

There are nine pictures below. Circle the pictures which you believe could be sources of marine debris or ocean trash. When you have finished, write down what these pictures have in common. Answers on page 13.



A CRUISE SHIP



A SHARK



PICNICKERS



A FISH



A MAN WASHING
HIS CAR



DOLPHINS



A FISHERMAN

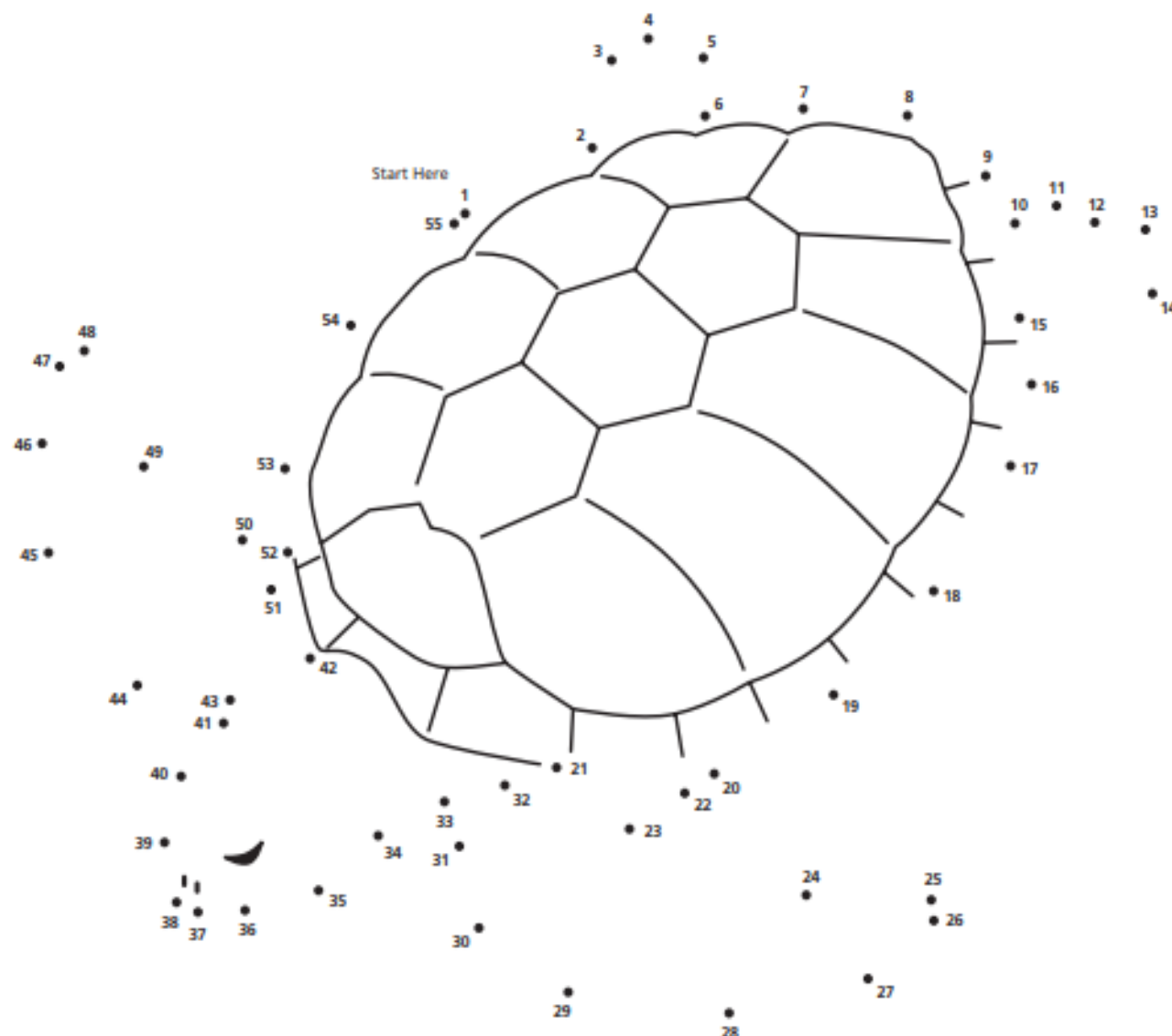


SEA GULLS



A BEACHGOER

A Sea Turtle's Story



How Can Litter Be Deadly to a Sea Turtle?

Sometimes sea turtles mistake litter in the water as food. Plastic bags look like jellyfish, sea turtles' favorite food. If swallowed, debris can block digestion or remain in the turtle's stomach, causing the turtle to feel "full" and eat less than it needs to survive. Plastic or plastic foam in a turtle's stomach can cause excess buoyancy, decreasing the animal's ability to dive deeper for prey.



Connect the Dots—Don't Let Your Trash End Up in the Ocean!

Recycle in the Park

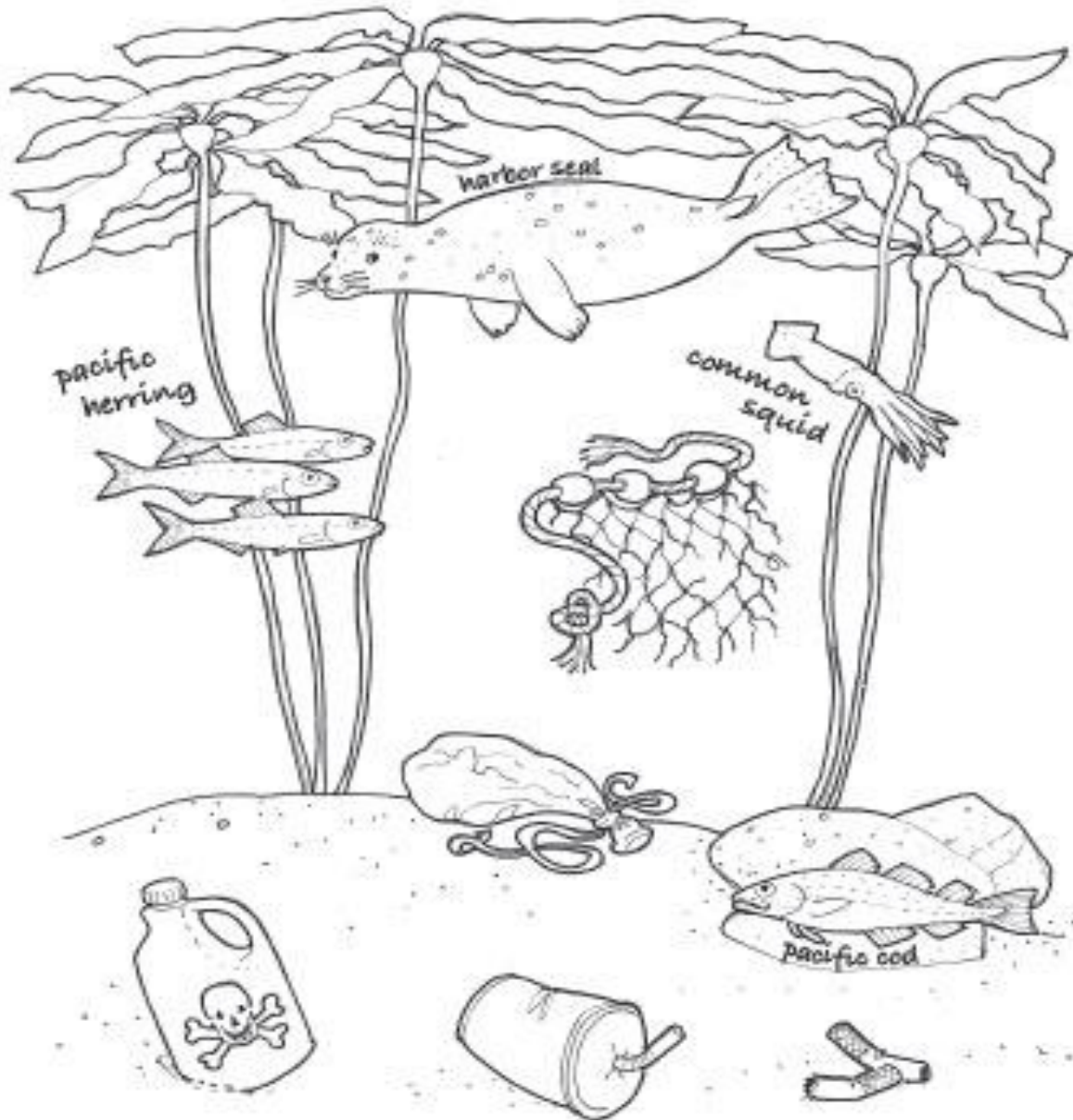
Help Johnny get all the litter into the recycling bin.



In the Ocean

What things don't belong in the ocean? How can these things hurt the sea?
How did these things get here?

Draw a circle around things that don't belong in the ocean.



To learn more about marine mammals, visit www.sealitters.org
For what's happening on the beach, go to www.blubberblog.org

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Seattle Department of
Neighborhoods

On the Beach

What things don't belong on the beach? How can these things hurt the seal?

How did these things get here?

Draw a **circle** around things that don't belong on the beach.



To learn more about marine mammals, visit www.seasitters.org
For what's happening on the beach, go to www.blubberblog.org

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How Can I Help?



Beach or coastal cleanups can be found in many communities. During these cleanups, kids and adults work together to collect the trash that has entered their waterways. Cleanups make the environment a cleaner, safer place for people and animals.

Unscramble the words below to reveal how you can help! Answers on page 13.

I F D N

T U O

F I

E H R T E

S I

A

L T A C S O A

L A P U C E N

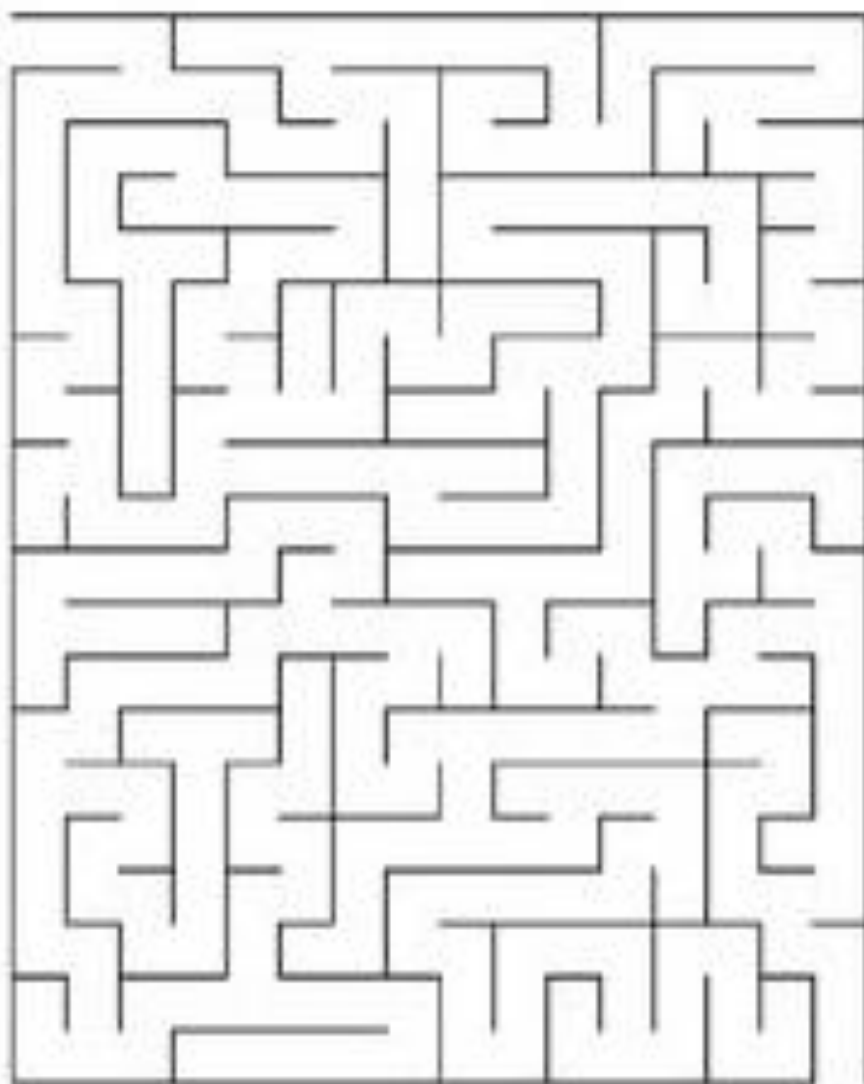
N I

O Y R U

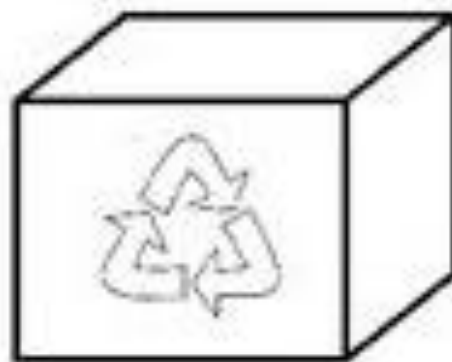
T C I M Y O M N U



For more great activities, information, and what you can do to prevent marine debris visit <https://marinedebris.noaa.gov/>



Put the bottle
into the
recycling bin.



Marine Match-Up














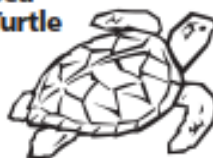




What do you think happens when an animal comes across litter in its natural habitat?

A sea turtle can choke on a plastic sandwich bag that it mistakes for food. A curious sea lion can get entangled in discarded commercial fishing nets.

Play the MARINE MATCH-UP game to learn more about how litter harms marine animals.

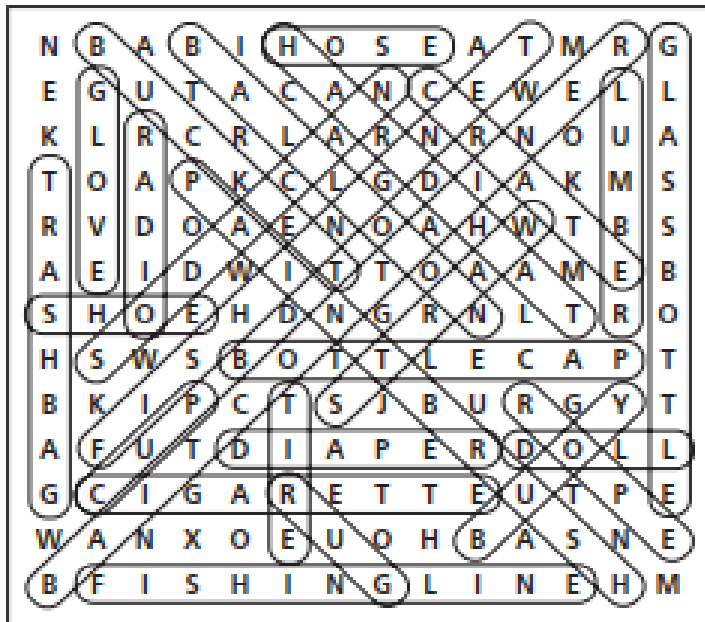
HOW TO PLAY (FOR TWO PLAYERS)

- 1.) Cut out the squares and place them face down.
- 2.) Player 1 turns over two squares.
- 3.) If a match is revealed, the player gets to keep the two squares.
For example, if the player reveals two Dolphins, he gets to keep the two squares. However, if the player reveals two animals which DO NOT match, then both squares are turned face down again and Player 2 takes a turn.
- 4.) When all the squares are gone, the player with the most number of squares wins.

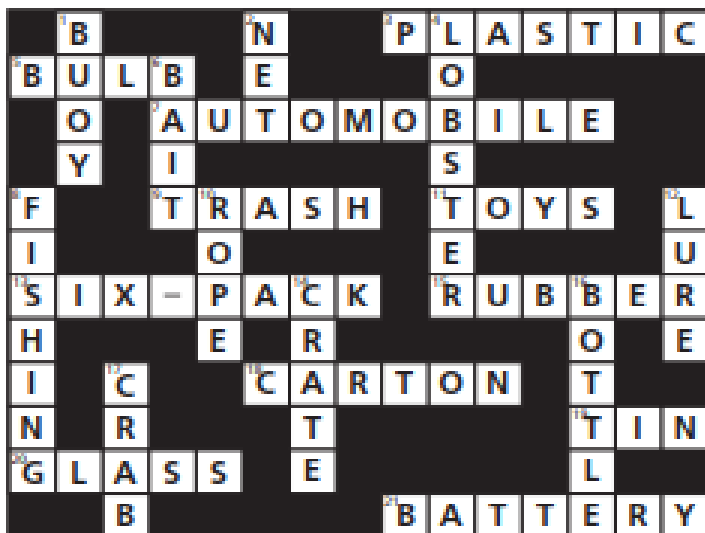
Dolphin  A dolphin can get tangled in fishing gear	Dolphin  A dolphin can get tangled in fishing gear	Pelican  A pelican can get its neck stuck in a six-pack holder	Pelican  A pelican can get its neck stuck in a six-pack holder
Manatee  A manatee can get tangled in discarded fishing line	Manatee  A manatee can get tangled in discarded fishing line	Raccoon  A raccoon can cut its paws on broken glass	Raccoon  A raccoon can cut its paws on broken glass
Sea Gull  A sea gull can become entangled in discarded fishing line	Sea Gull  A sea gull can become entangled in discarded fishing line	Sea Turtle  A sea turtle can choke on a plastic bag	Sea Turtle  A sea turtle can choke on a plastic bag
Beaver  A beaver can get its head stuck in a tin can	Beaver  A beaver can get its head stuck in a tin can	Sea Lion  A sea lion can become entangled in ropes and nets	Sea Lion  A sea lion can become entangled in ropes and nets

ANSWER KEY

Word Find (Page 1)



Picture Crossword (Page 2)



Identifying the Problem (Page 3)

Wherever you find people, you find a potential source of marine debris. A cruise ship, picnickers, a man washing his car, a fisherman, and a beachgoer are ALL potential sources of marine debris.

In the ocean (Page 6)

Things that don't belong in the ocean: piece of fishing net, balloon, plastic container, plastic drinking cup, lid and straw, cigarette butts.

On the beach (Page 7)

Things that don't belong on the beach: plastic bag, Styrofoam food container, plastic bottle, plastic fork, fishing line and hook.

Unscramble the Sentence (Page 8)

FIND OUT IF THERE IS A COASTAL CLEANUP IN YOUR COMMUNITY.