



AVATAR

THE WAY OF WATER

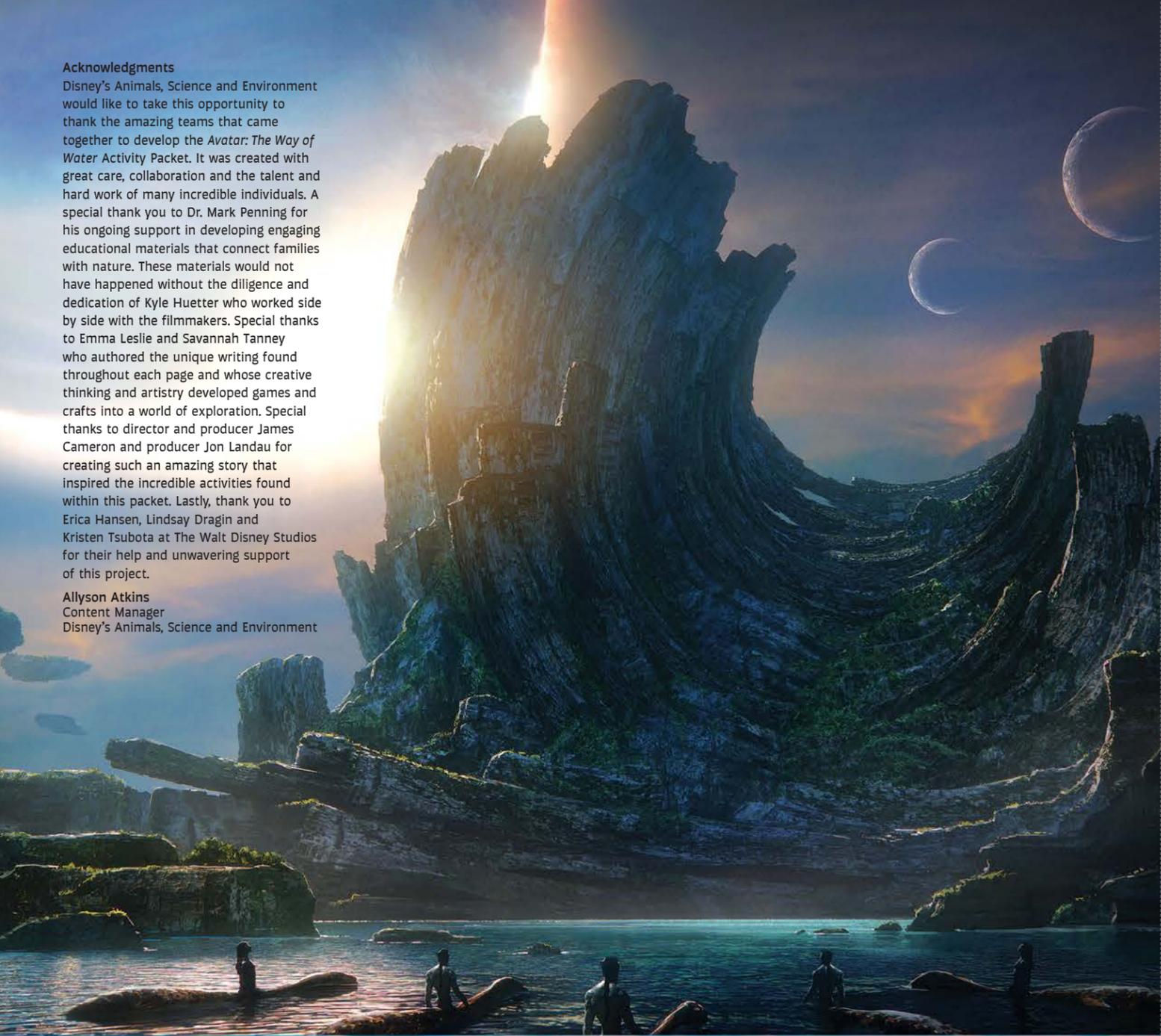
ACTIVITY PACKET

Created in Partnership with Disney's Animals, Science and Environment

Acknowledgments

Disney's Animals, Science and Environment would like to take this opportunity to thank the amazing teams that came together to develop the *Avatar: The Way of Water* Activity Packet. It was created with great care, collaboration and the talent and hard work of many incredible individuals. A special thank you to Dr. Mark Penning for his ongoing support in developing engaging educational materials that connect families with nature. These materials would not have happened without the diligence and dedication of Kyle Huetter who worked side by side with the filmmakers. Special thanks to Emma Leslie and Savannah Tanney who authored the unique writing found throughout each page and whose creative thinking and artistry developed games and crafts into a world of exploration. Special thanks to director and producer James Cameron and producer Jon Landau for creating such an amazing story that inspired the incredible activities found within this packet. Lastly, thank you to Erica Hansen, Lindsay Dragin and Kristen Tsubota at The Walt Disney Studios for their help and unwavering support of this project.

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AVATAR

THE WAY OF WATER

Set more than a decade after the events of the first film, *Avatar: The Way of Water* begins to tell the story of the Sully family (Jake, Neytiri, and their kids), the trouble that follows them, the lengths they go to keep each other safe, the battles they fight to stay alive, and the tragedies they endure. Directed by James Cameron and produced by Cameron and Jon Landau, the film stars Zoe Saldana, Sam Worthington, Sigourney Weaver, Stephen Lang, Cliff Curtis, Joel David Moore, CCH Pounder, Edie Falco, Jemaine Clement and Kate Winslet.

TWENTIETH CENTURY FOX PRESENTS A JAMES CAMERON FILM "AVATAR" SAM WORTHINGTON ZOE SALDANA STEPHEN LANG MICHELLE RODRIGUEZ AND SIGOURNEY WEAVER CASTING BY MARGERY SIMKIN MUSIC BY JAMES HORNER VISUAL EFFECTS BY WETA DIGITAL
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DECEMBER 16
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THE WAY OF WATER

With the Battle of the Hallelujah Mountains behind them, the Sully family has grown and continues to thrive in the lush ecosystem of Pandora. As the Sully family and the Omatikaya clan reside in the rainforest, a new clan, the Metkayina, also known as “reef people,” live in harmony with their idyllic island home.

Although both clans have lived peacefully, the RDA’s return threatens to upend the tranquility once known on Pandora. The Na’vi live with the belief that we are all connected to our planet; and therefore, are responsible for positively impacting the people and world around us. New enemies—including powerful Recombinants—challenge this ethos and both the Omatikaya and Metkayina clans must fight to protect their homes and ways of life.

The beauty of the natural world awaits as you go through the pages of the *Avatar: The Way of Water* Activity Packet. Learn about the adaptations of Pandoran creatures, navigate migration routes, pack your bags on an adventure to unique biomes, create your own songcord and learn how you can make an impact on marine species. Explore these pages and discover the beauty and diversity of creatures found in Pandora and don’t miss “Avatar: The Way of Water” in theaters December 16th.

AVATAR
THE WAY OF WATER

CLAN LEADERS

JAKE SULLY

Olo’ektan (chieftain) of the Omatikaya clan, Jake is known as *Toruk Makto*, Rider of the Last Shadow, who drove the RDA from Pandora 15 years ago.



NEYTIRI

Tsakarem (spiritual leader in training) of the Omatikaya Clan, Neytiri is also one of the fiercest warriors Pandora has ever known. She was instrumental in beating the RDA.



TONOWARI

Olo’ektan of the Metkayina Clan, Tonowari oversees the well-being of his community on the reef. His clan respects him for his ideals and his ability to lead.



RONAL

Tsahik of the Metkayina Clan, Ronal is responsible for the spiritual needs of her people, but is also a warrior who is willing to put everything on the line to protect them.



AVATAR
THE WAY OF WATER

EXPLORE THE DIVERSITY OF PANDORA

Squid Fruit Tree



A mother viperwolf tending to her pups in the rainforest

4.5 light years from Earth, the moon of Pandora is filled with diverse creatures and unique environments. From mountains to lush rainforests and tranquil reefs, the biomes—or large habitats—found on the moon are just as unique as the Na’vi that live there.

Jake Sully’s family and the Omatikaya clan live in the **rainforest** where the beauty of plants and creatures adorn the landscape. Plants like iridescent warbonnet ferns are met with animals like the viperwolf.

The Hallelujah **mountains** provide a location for an important Na’vi Rite of Passage—where young warriors bond with their banshee. This landscape with floating rocks and vines is an awe-struck wonder for any adventurer.

The **ocean** surrounding the reef inhabited by the Metkayina clan is filled with creatures of all shapes and sizes like the coral sea wall that guards the Metkayina clan from powerful waves and currents, and the Ilu which the Metkayina ride to hunt in the ocean depths.

With so many unique and diverse biomes, Pandora is a world waiting to be explored. You may need to prepare differently depending on where you’re visiting, although many adventures require the same essential items. Maps help us reach our destination, and cameras help you capture the wonder of your trip. Wherever your next adventure takes you, you will always be able to *Sivako*, or rise to the challenge, when you are prepared.



The Hallelujah Mountains



Ilu in the ocean waters of the Pandoran eastern seas



NATURE NOTE

Tell a friend about the most amazing place you’ve ever seen! What biomes on Earth would you like to visit?

Daisy Anemone

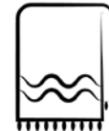


ADVENTURE PACKED



Pandora has so many amazing biomes to explore! Because they are all special in their own unique ways, packing for an adventure will look different for each destination. What would you bring to explore these stunning landscapes?

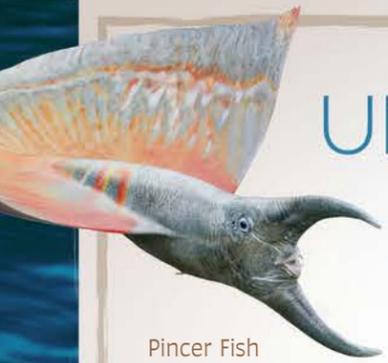
Take a close look at the map to determine where your adventure is taking you and write it on the line. Then pack your bags with the supplies you’ll need by writing the letter for the item into the correct backpack. Some supplies may be useful for more than one biome!

- | | | | |
|---|--|---|---|
| 
A
Water | 
B
Tent | 
C
Warm Coat | 
D
Boat |
| 
E
Compass | 
F
Flippers | 
G
Rain Jacket | 
H
Towel |
| 
I
Hiking Boots | 
J
Snorkel | 
K
Sneakers | 
L
Camera |

Warbonnet Fern



ANSWER KEY: 1. Mountains A, B, C, E, I, L; 2. Ocean D, F, H, J, L; 3. Rainforest A, B, E, G, K, L

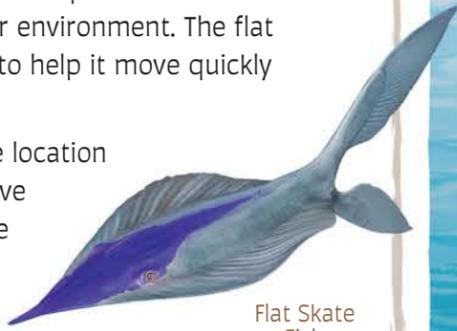


Pincer Fish

UNCOVER THE DETAILS OF PANDORAN CREATURES

Although they are all Na'vi, the different clans found on Pandora are shaped by the environment that they live in. In addition to the Na'vi, each creature that calls Pandora home also has unique characteristics that define them and allow them to adapt to their environment. These characteristics, or *adaptations*, help Pandoran species survive in their everchanging environments. For example, the pincer fish has brightly colored stripes on its back that help to camouflage into coral reefs. By staying hidden in its habitat, the pincer fish is able to catch its food and remain undetected from larger predators. Adaptations come in many forms and there is no single way for an animal to thrive in their environment. The flat skate fish is also able to avoid predators but by using its split tail fin to help it move quickly through the water.

The Na'vi use two powerful creatures for transporting them from one location to the next, or even into battle. While the **skimwing** and **banshee** have many similarities they also have many differences because they come from two different biomes. Take a closer look at these two powerful creatures and discover how their adaptations could be used by a new Pandoran species.



Flat Skate Fish



MOUNTAIN BANSHEE

Along with their **four wings**, mountain banshees have **hollow bones** to help them take flight. As predators, they have **razor-sharp teeth**. They communicate with a **piercing cry**, and they have been able to maintain their **vibrant colors** over time due to the lack of predators in the region.



SKIMWING

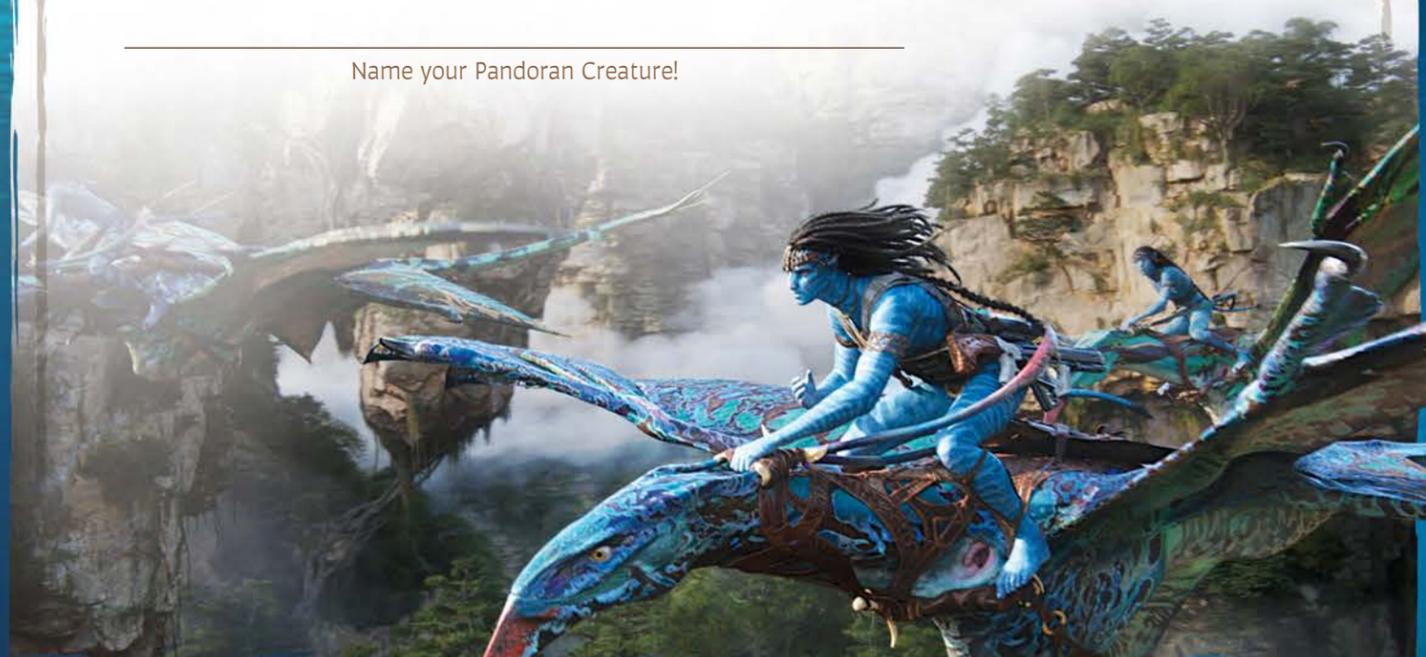
Skimwings are large lungfish that use **gills** while underwater but **breathe air** when flying. When swimming, they **fold** their wings back and reach top speeds with the help of their **powerful tails**. **Needlelike teeth** and **long snouts** are used to scoop fish out of the water when traveling fast.

ANALYZING ADAPTATIONS

Imagine a new biome has been discovered on the moon of Pandora and it is similar to the deserts found on earth with flat landscapes, hot days and cold nights. There is not much water to be found and most smaller animals only come out at night. What types of adaptations would an animal need to survive in this environment?

Draw a new Pandoran desert creature in the space below. Draw arrows to some of their adaptations and label how they are used. If you need some inspiration, analyze the adaptations of the mountain banshee and skimwing to see if they would be helpful in this habitat too.

Name your Pandoran Creature!



JOURNEY INTO THE WAY OF WATER

The Metkayina clan is deeply connected to their environment and the creatures that call it home. Few creatures are as magnificent as the **tulkun**. This unique species is intertwined in the clan's culture and clan members can even communicate with tulkun using a form of sign language. Each year the Metkayina clan and the tulkun come together for

a sacred ceremony at the Cove of the Ancestors where young clan members and tulkun calves become connected to the Spirit Tree and Eywa.

Although the Metkayina clan live near the reef, tulkun and their calves live throughout the open ocean and must *migrate*, or travel, to the ceremony each year. Migration is a long journey that can often come with challenges for marine species including loss of habitat, lack of food and human interference.

Learn more about these threats on the next page to see how you can help marine species stay clear of these challenges.



Tulkun Adult and Calf

DIVE INTO MIGRATION

For ocean animals, migration can be a bit like a maze with different routes to navigate and roadblocks along the way. Imagine yourself as a migratory ocean animal as you dive into the maze below.

The icons in the maze represent human-made conditions that may slow down your journey. As you attempt your migration, you'll discover which scenarios to avoid and which you can safely pass through. Mark your findings in the check boxes on the left.



START

A person in a kayak is watching wildlife from a respectful distance. Is this area safe?
 YES NO

People who fish in this area always recycle their broken fishing lines. Is this area safe?
 YES NO

There is a patch of litter! Can you swim through it?
 YES NO

This area has been overfished by people. Is there enough food to fuel your journey?
 YES NO

There is an oil drilling site close by that is very loud. Can you echolocate to navigate through?
 YES NO

People around here shop locally so there are fewer big ships in the ocean. Is this area safe?
 YES NO

END

EVERY BEAD TELLS A STORY

Diversity makes our worlds stronger and healthier—the more differences the better! Just like how plants and animals all have special roles to play in their ecosystem, people also have their own unique ways of supporting their communities. Differences in our skills, talents and experiences make for stronger communities because everyone has something important to contribute.

In Na'vi culture, these different experiences are showcased and remembered in a **songcord**, or a long piece of twine strung with various stones, shells and any other significant item the wearer chooses. It could even be a button! The songcord is a beautiful symbol of each Na'vi's life story. Each Na'vi builds their songcord throughout their life, adding a new item each time they go through a milestone event like a battle, wedding or epic hunt or when they have a quality experience like being an explorer, role model or great warrior. Songcords help individuals build their stories through their own eyes and are a way to share their unique strengths and experiences with their families and communities.

What important milestones from your life do you want to show others? Head to the next page to create a songcord to show what has made you into the person you are today.

Songcord



SONGCORD SYMPHONY

WHAT ARE YOUR MILESTONES?

What are the 4 most significant events or accomplishments in your life so far? Write or draw about them below. (Maybe you won a writing contest at school or a younger sibling was born.)

1	2
3	4

WHAT DID YOU LEARN?

Think about how these experiences make you unique and what skills or lessons you've gained. (Perhaps your writing skills can be used to pass on family stories, or by becoming an older sibling you learned to be a role model.)

1 _____

2 _____

3 _____

4 _____

BUILD YOUR SONGCORD!

Draw a nature item to represent each event you listed on the left. (You could choose tree bark to represent paper for the writing contest or a leaf sprout to represent your new sibling.)

DISCOVER HOW TO KEEP OUR OCEANS AMAZING



Pandora's ocean is home to creatures large and small that have a deep connection to the Metkayina clan. Some marine creatures are even seen as siblings to clan members, and the ocean provides a sacred site for connecting with Eywa. To the Na'vi, the ocean is more than just an expansive habitat, it provides life to the animals and people that call it home.

Here on Earth, the ocean is our largest ecosystem and is home to amazing animals, many of which are yet to be discovered. Some of these animals even share similarities with Pandoran ocean creatures. Both the Na'vi and

humans rely on the ocean for a variety of resources including food, livelihoods and jobs and even oxygen. Protecting the ocean is an important responsibility that affects all of us.

The **Keep Our Oceans Amazing** campaign focuses on protecting 10 amazing ocean species that can be found in waters throughout the world and that share qualities with Pandoran wildlife and wild places. Each of the 10 species have been classified as threatened, vulnerable or endangered, meaning they need our help! Start making waves for oceans around the world by seeing what actions you can take on the next page.



In celebration of *Avatar: The Way of Water*, join Disney and Avatar in supporting The Nature Conservancy (TNC) to protect 10 of our ocean's amazing animals and their habitats, connected to the beauty of Pandora. Together, we can keep our oceans amazing and help achieve TNC's global goal of protecting 10 percent of the ocean by 2030. avatar.com/keepouroceansamazing

MAKING WAVES

Small steps add up to big change! We all have the power to take action for the environment and help keep our oceans amazing. Even if you do not live near the ocean, there are so many ways to conserve water and protect marine life.

In the wave below, draw curved lines to connect the conservation actions to the ocean species they would help. Stay inside the wave! Add in more conservation actions and ocean animals to see how big of a wave you can make for ocean conservation.

Some of these species rely on each other in the ocean food chain, so an action that directly helps one species can also indirectly help others!

A Turn off the lights to keep nesting beaches dark and safe for sea turtles.

B Do not touch or stand on fragile coral reefs.

C Use reef friendly sunscreen.

D Observe native wildlife from a respectful distance.

E Become an ocean expert by learning more about marine life.

F Participate in a beach clean-up during your next visit to the ocean.

1 HAWKSBILL SEA TURTLE
2 PARROTFISH
3 STAGHORN CORAL
4 MANGROVE
5 SEA LION
6 WHALE SHARK
7 MANATEE
8 BELUGA WHALE
9 MANTA RAY
10 BLUE WHALE

NATURE NOTE

Put a star next to any conservation action you already do. Then circle one you can start doing to become an even bigger ocean hero!

ANSWER KEY:
A: 1, 2, 3; B: 1, 2, 3; C: 1, 2, 3, 4, 5, 6, 7, 8, 9;
D: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10;
E: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10;
F: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10.



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