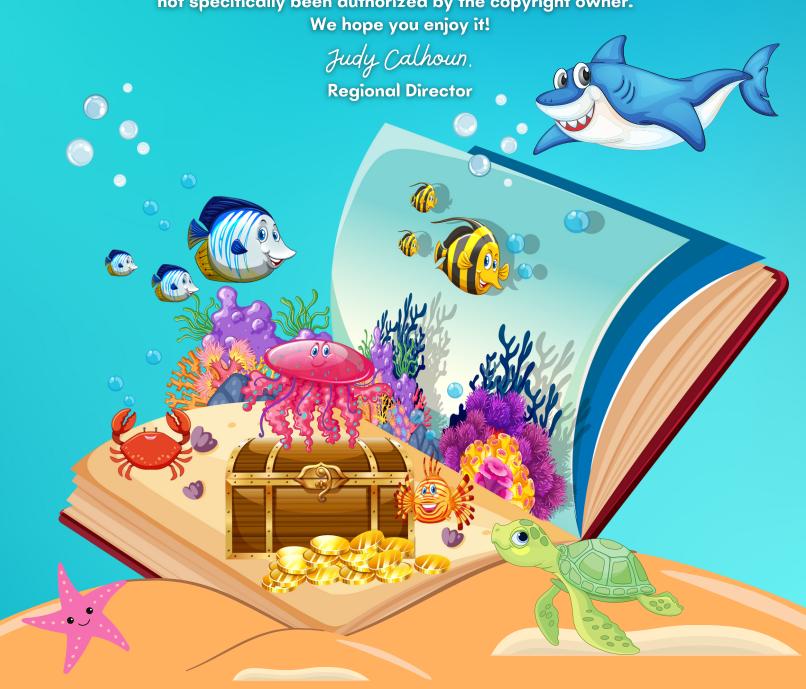


Welcome to the 2022 Southeast Arkansas Regional Library Summer Reading Program!

This Summer Reading adventure booklet includes lots of fun activities for you and your family. Some pages are just for fun and some have goals for you to do for fun prizes! Once you have completed a task, ask an adult to fill out the coupon for that task and turn it in at your local library. Each branch library will have unique drawings, so follow the rules for your branch library.

There will be special events at your library so be sure to get a calendar!

Many thanks to the Regional Library Branch Managers, and to HQ staff, Jennifer Knight for compiling and composing this booklet. This booklet was created for educational purposes only and may contain copyrighted material whose use may not specifically been authorized by the copyright owner.



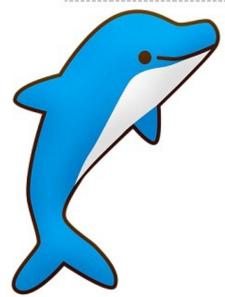
Beach Buns

We share sandy beaches with a variety of plants and animals — some we can see, others like to hide. Hidden under the sand in temporary burrows or nestled in the kelp, sand dwelling animals associated with different parts of the beach are constantly shifting position with the tide. Sand dwellers include sand crabs, roly-polys, sand fleas, and clams. There are lots of animals we may see just hanging out on the beach, like sea turtles, crabs, seagulls, seals and many others. Each beach is its own ecosystem. The best way to share the beach is by learning what kinds of wildlife live, feed, and reproduce on the beach you visit.

At The Ocean

Word Search Puzzle





BEACH
BOARDWALK
CRAB
DOLPHIN
JELLYFISH
LIFEGUARD
PELICAN
PIER

SAILBOAT
SAND
SEALION
SEAGULL
SEAWEED
SHARK
SHELLS
SNORKEL

STARFISH
SURFERS
SWIM
TIDE
UMBRELLA
VOLLEYBALL
WAVES
WHALE

Seashell Match

Match the seashell to its name



Sea Urchin





Scallop



Limpet



Queen Conch



Sand Dollar



Worm Snail Shells



Olive



Cowry

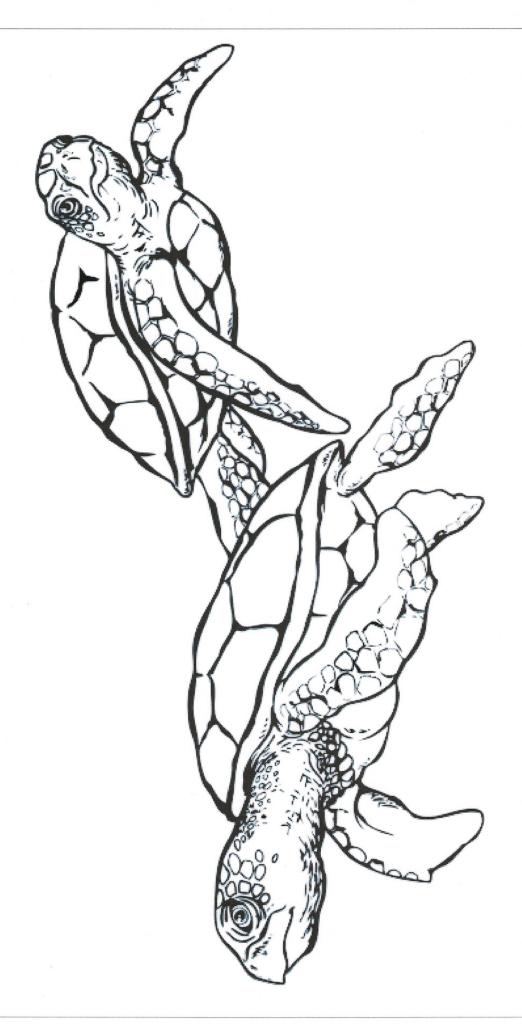


Junonia



Altantic Auger





Green Sea Turtles

This animal grows from about 2.5 inches when it hatches to as big as 5 feet as adults! How tall do you think you'll be when you grow up?

SALT DOUGH STARFISH

YOU WILL NEED: 2 CUPS ALL PURPOSE FLOUR 1 CUP SALT 1 CUP WATER



Step 1. Mix your salt dough together in a bowl until combined. Knead for a few minutes until the dough is soft. Add food coloring for color (optional).

Step 2. Make a small ball and press it flat with your hand. Gently pull out five "arms" evenly spaced around the center. Try to make them as equal as possible.

Step 3. Now just gently pull on each arm and shape it to look like a starfish.

Step 4. Customize your starfish just how you like it.

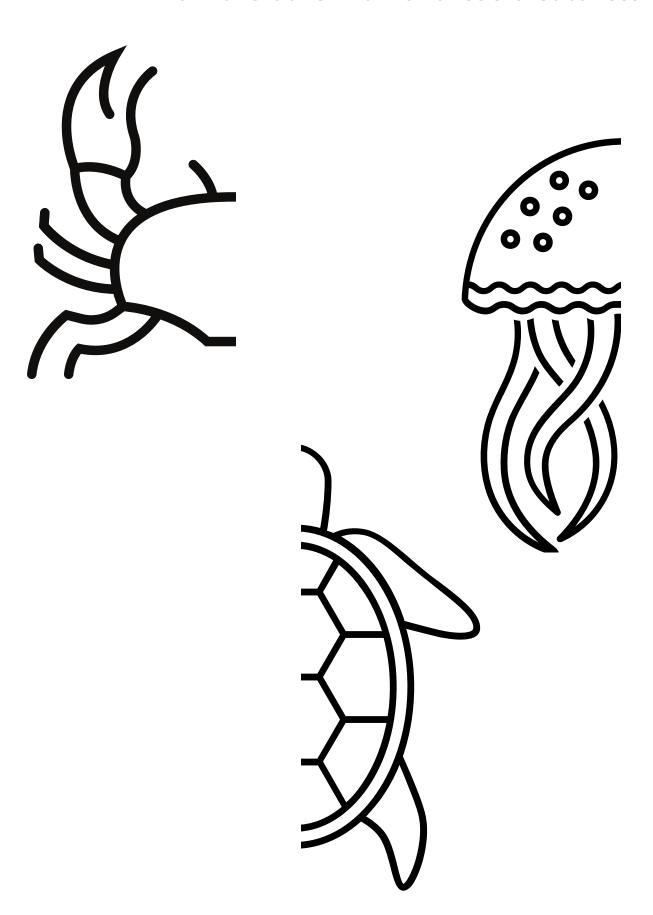
Step 5. When you have finished, you can either let them air dry over a few days or bake them.

To bake: Place them in a 325 degree oven and cook until they are firm to the touch and baked thoroughly. This can take about an hour for a small starfish, and can take 2-3 hours for a bigger, thicker starfish.



Sea Creature Symmetry

Draw the other half of these creatures.





Sand Dollar Bookies

Ingredients

- 1 box white cake mix
- 1/2 cup butter or margarine, melted
- 1 egg
- 2 tablespoons sugar
- 1 teaspoon ground cinnamon
- almonds for decoration

Steps

- 1. Heat oven to 350°F (325°F for dark or nonstick cookie sheets). Mix cake mix, butter and egg in large bowl with spoon until dough forms (some dry mix will remain).
- 2. Shape dough into 1-inch balls. Mix sugar and cinnamon in small bowl. Roll balls in cinnamon-sugar mixture. Place about 2 inches apart on ungreased cookie sheet.
- 3. Place the almonds in the same pattern as a sand dollar.
- 4. Bake 10 to 12 minutes or until set. Remove from cookie sheet to cooling rack.



What you need:

- Beach Ball
- 2 laundry baskets or boxes for goals

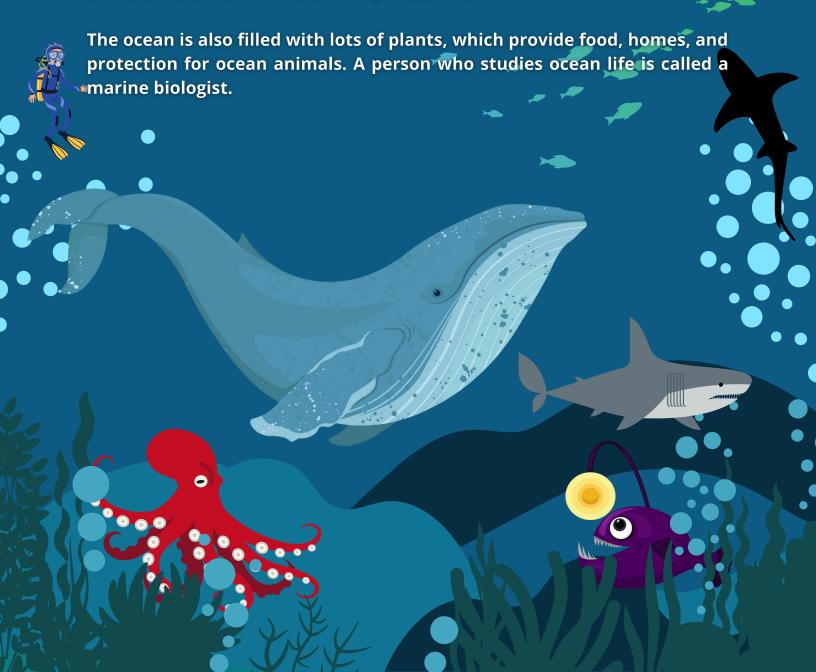
Directions:

Teams try to score goals by passing the ball to a teammate without it touching the ground. Place a laundry basket or box on each side of the playing field – these are the goals. Teams pass the beachball to each other, no running while passing, down the court and try to score a goal in the opposite teams basket. If the ball hits the ground then it becomes the other teams ball.

Creatures of the Deep

There are many cool creatures living in the ocean. These plants and animals are called marine life. Ocean animals come in almost every shape and size imaginable. Some are beautiful, others are funny looking. Some are predictable, others have strange habits and weird abilities. Some are very small and others are massive.

Oceans cover more than two thirds of the earth's surface, and they are very deep! Fish and other animals make their homes in all different parts of the ocean, even on the bottom, or sea floor.





Under the sea

Ζ 0 Ι Κ S Е E S В D Ι Е Ι В S E E 0 S Ι R R S S Ζ В В D Κ Q Ε Ι E G X D Ζ 0 S Ι C В Q 0 D Ζ 0 Τ S Ι S Е G S S Ι

plants birth octopus squid puffer fish shark clown fish

nemo eggs starfish stingray fish

deep shell seaweed jellyfish seahorse coral

dive water waves sea turtle eel

ocean sand dollar crab manatee dolphin

animal lobster shrimp seal whale

JELLYFISH IN A BOTTLE



Things you need to make your own Jellyfish:

- 1. A transparent plastic grocery bag
- 2. A plastic water bottle
- 3. Thread
- 4. Food coloring
- 5. Scissors

Instructions:

- Flatten the bag and cut off the handle and the bottom part
- Cut along both sides to split into 2 plastic sheets
- From the center of the plastic sheet, fold it like a tiny balloon to make the head part and tie it with the thread not too tight. You must leave a little hole in order to pour some water into the head part
- Now you'll get the head balloon part and the remaining will be its tentacles. Cut from the edge up to the head part roughly. You'll get about 8-10 tentacles
- For each of them, cut again into 3-4 small
 strings and just cut off the remaining part.
- Trim to make random long and short tentacles
- Put some water with a couple of drops of yellow food coloring into the head part to make it be able to sink. You must leave some air inside to make it able to float up.
- Fill up your water bottle.
- Put your jellyfish in the bottle with a few drops of blue food coloring. Screw on the cap and that's all.



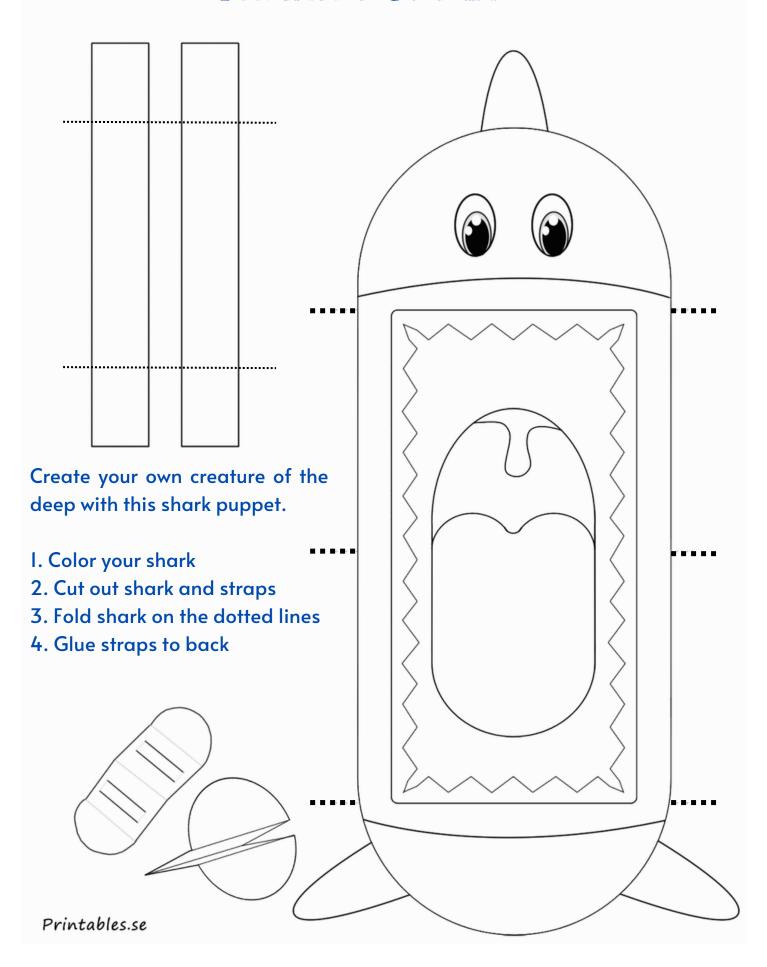




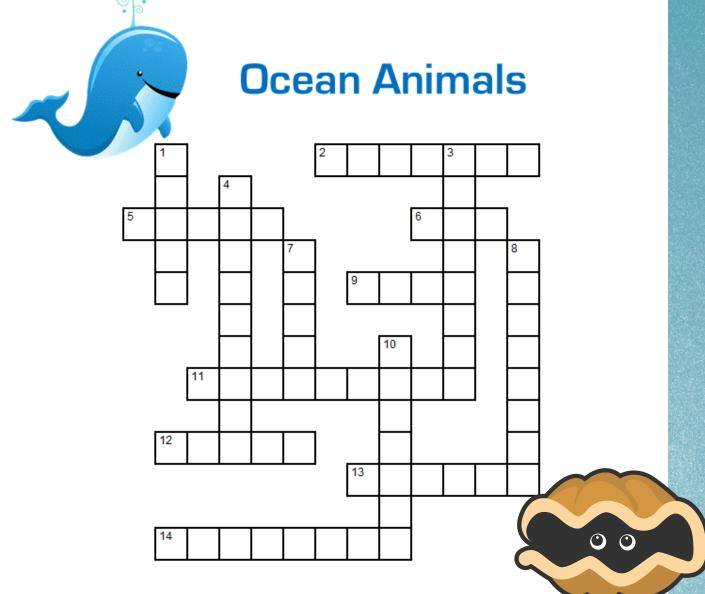




SHARK PUPPET



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ACROSS

- 2. fat layer that keeps some marine mammals warm
- 5. fish use these to breathe oxygen from the water
- 6. name for a group of whales
- 9. ocean dwellers that lay eggs and have bones
- 11. what a shark has instead of bones
- 12. a shark has several rows of these
- 13. what younger whales are called
- 14. marine animals with soft bodies and no backbone

DOWN

- 1. small creatures that look like shrimp
- 3. how a whale or dolphin breathes
- 4. largest animal in the world
- 7. bioluminescent animals make their own
- 8. clams, oysters and scallops are all . . .
- 10. ocean dwellers that birth live babies and nurse

Word List

bivalues bluefish blubber calves cartilage fish gills krill

light blowhole mammals mollusks

pod teeth

Octopus Pizza

INGREDIENTS

- 1 store bought pizza dough
- 1/2 c. pizza sauce
- •1 c. mozzarella cheese (for the head)
- sliced black olives (for the tentacles and eyes)
 (may be substituted with green peppers slices, mushroom slices, etc)
- 4 slices pepperoni (for the eyes)

INSTRUCTIONS

- 1. Preheat the oven to 425 degrees. Line two baking sheets with parchment paper.
- 2. Divide the dough in half. Each half will make 1 octopus. Divide the dough again. Shape half of that dough with your hands into an oval shaped for the octopus head. Using the other half, cut into 8 strips for the tentacles.
- 3. Place the dough head on one of the baking sheets. Place the tentacle pieces along the bottom half of the head, gently pressing the dough down.
- 4. Bake for 6 minutes.
- 5. Remove and cover the head and tentacles with pizza sauce.
- 6. Spread out the cheese evenly on the head and place the sliced olives on the tentacles.

 Add the pepperoni and olive eyes.
- 7. Bake another 6 minutes and then broil for 3 minutes or until nice and brown.
- 8. Repeat for the second octopus.







Draw a picture of your sea creature!

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If I had a pet from the sea						

MYSTERIES OF THE DEEP

The oceans contain many great mysteries within their depths. Most of our planet is covered in water however, scientists say they still know very little about the mysterious deep blue ocean. They are still discovering new ocean species every year!

Did you know there are over 3 million shipwrecks at the bottom of the ocean? Some very famous shipwrecks include the RMS Titanic, HMHS Britannic, RMS Lusitania, SS Andrea Doria, and SS Edmund Fitzgerald. Check out a book about shipwrecks from your library!

Perhaps one of the most famous ocean mysteries is the Bermuda Triangle!

The Bermuda Triangle is a section of the Atlantic Ocean where ships and



whe wines a wispatch

Titanic, Giant White Star Liner, Sinks After Collision With Iceberg on Her Maiden Voyage, and 1,800 Lives Are Reported Lost in World's Greatest Marine Disaster

WIRELESS CALLS SEND VESSELS **RUSHING TO AID** OF SEA COLOSSUS

Through the Night They Drive With Full Speed to Reach Titanic.

MEANTIME, WORLD WAITS IN AGONY OF SUSPENSE

COL. JOHN JACOB ASTOR FINANCIAL BLOW OFFICIALS CONCEDE IS AMONG DROWNED IS VERY SEVERE GREAT LOSS OF L GREAT LOSS OF LIFE

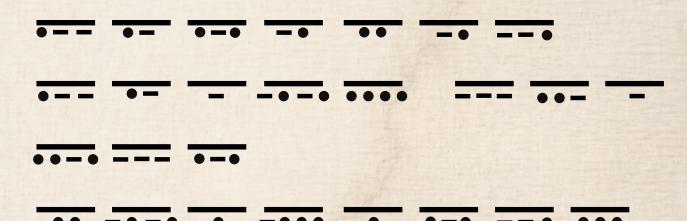
CARRIED NOTARIE

PEOPLE ON SHIPS Early in Evening White Star It is hoped and

OF ALL ON BOARD ONLY 675 KNOWN TO HAVE ESCAPED DEATH IN OCEAN

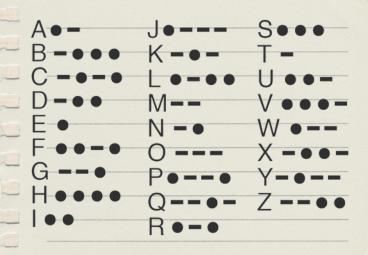
Those Rescued Mostly Women and Children, Who Were Taken Off in Boats.

Morse code is a form of communication that was used during the time Titanic set sail. Using the key below, see if you can decipher the message for the captain.



DID YOU KNOW?

SOS standing for "Save Our Souls" is the most common form of Morse code. The Morse code for SOS is ... which is recognized internationally. This SOS code was the last code used by the *Titanic* when it sank in 1912.





DEEP SEA SUBMARINE SANDWICH

Ingredients

- 1 Hoagie Roll
- 3-4 Slices Salami
- 3-4 Slices Deli Ham
- 2-3 Slices Tomato
- 2-3 Slices Red Onion
- 2-3 Leaves Green Leaf Lettuce
- 2 Slices Provolone Cheese
- 2 Black Olives
- 2 Slices Cucumber
- 2 Dill Pickle Spears
- Additional Condiments, such as mustard, mayonnaise, (optional)

Directions:

- 1. Split apart the bottom and top halves of the Hoagie Roll. Onto the bottom bun, spread any desired condiments such as mustard or mayonnaise.
- 2. Layer the sandwich ingredients onto the sub: salami, ham, onions, tomatoes, lettuce, and cheese.
- 3. With one of the cheese slices overhanging the edge of the sandwich, cut out a series of small triangles, using a knife or kitchen shears, to create the appearance of teeth.
- 4. Tuck two pickle spears into the sandwich, one on either side, so that they lay mostly outside of the sub, resembling fins.
- 5. Top sandwich with the top bun (spread with any additional condiments you would like such as more mayonnaise or oil and vinegar). Cut small, shallow slits out of the "front" of the sandwich (the side with the "teeth"), to resemble gills.
- 6. Attach two olives (or olive halves) to the front of the sub using food picks. (Make sure to remove these prior to eating.) Attach two half-slices of cucumbers to the top and back of the sub by tucking into the bun or using food picks; these will be your top and tail fins.
- 7. Repeat with additional sandwiches, if desired.



> Pirate Games &



Enjoy some fun pirate games for you and your mateys!



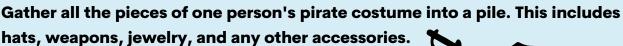
Steal the Pirate Flag

Divide into two teams with a territory. Everyone should wear eye patches. Place three flags for each team on the opposite team's territory in various locations, then place a treasure chest in a neutral zone. The teams must try to get onto each others territory and steal their flags and take it back to their "ship" or safety zone. If they are tagged on another team's territory, they are sent to jail and can only be rescued by another team member tagging them free. When a team gets all three flags to their ship, the team can then race to get the treasure chest in the neutral zone. The first team to get their flags and the treasure chest wins the game. For a variation of this game, you could hide the treasure chest really well and have the team who can find it win automatically, no matter how many flags they have.

Pirate Costume Relay

How to Set Up

Split the group into equal teams.



Choose one person to be the pirate from each team. This person will stand a good distance in a straight line from their costume pile.

The rest of the team stands behind their pirate, all of them facing the costume pile.

On "Go" the first kid behind the pirate runs down and grabs one item from the costume pile then brings it back and puts in on the pirate appropriately.

Game play continues with the next person in line until the pirate is completely dressed in her costume.

The team who dresses their pirate the fastest is the winner.

The ocean is divided into 5 different layers, just like a piece of cake! These layers are called ocean zones. The zones are distinguished based on how far sunlight can travel from the ocean's surface.

OCEAN ZONES IN A JAR

Can you can place the correct organism in the zone where it lives?

OCEAN LIFE



Sea Cucumber





Gulper Eel

Phytoplankton





Isopod

Angler Fish



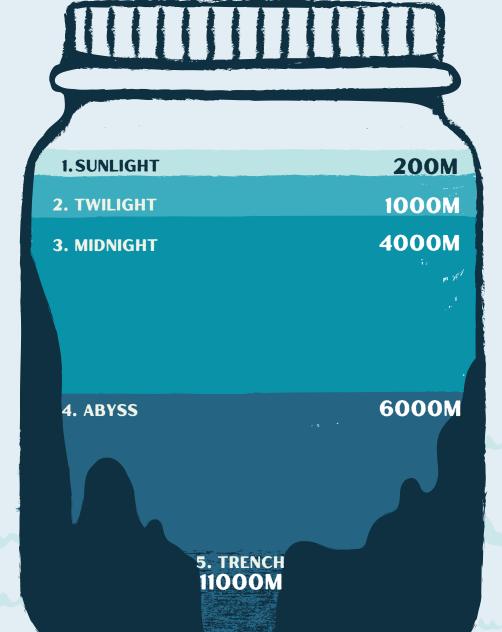


Phytoplankton

Vampire Squid



Sperm Whale



MAKE YOUR OWN OCEAN ZONES

IN A JAR!

Supplies

- clear glass jar
- food coloring
- corn syrup
- oil
- Blue (Dawn) dish soap
- water
- rubbing alcohol
- funnels

Going from the bottom to the top:

Trench Zone (Hadalpelagic Zone): Corn Syrup (tinted black)

Abyss (Abyssopelagic Zone): Dish soap (tinted purple)

Midnight Zone (Bathypelagic Zone): Water (tinted dark green)

Twilight Zone (Mesopelagic Zone): Oil (pretend blue-but its really yellow)

Sunlight Zone (Epipelagic Zone): Rubbing Alcohol (tinted light blue)



- 2. Add several drops of blue food coloring into 3/4 cup of dish soap. Add it to the jar using a funnel.
- 3. Add several drops of blue food coloring in 3/4 cup of water and use a funnel to slowly and carefully layer it on top of the dish soap.
- 4. Next, you'll add your oil. Obviously, water in the "twilight zone" is not actually yellow. But we can just pretend its blue!
- 5. Finally, you will add 3/4 cup of rubbing alcohol. You'll want to use a dropper to slowly add it to the top of the oil, making sure not to break the barrier between the oil and water.













WORD SEARCH ADVENTURES



Aft
Barnacles
Bow
Cargo
Clipper
Coral Reef
Crab

Diving Bell Figurehead Flotsam Galleon Gold Coins Lobster Lost Mast Mystery Nautical Ocean Oct<u>o</u>pus Port <u>S</u>ails

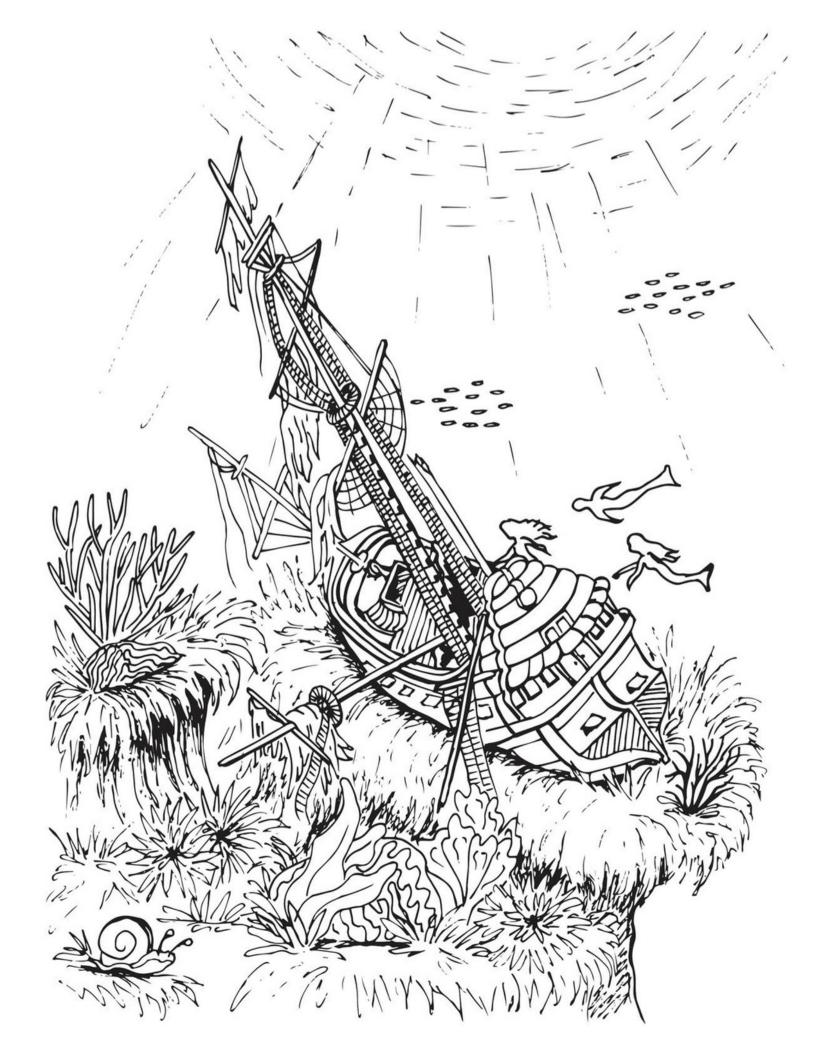
Scuba Diving Sea Chest Sha<u>rk</u> Shipment Shipwreck Skeleton Treasure



 $i \circ c d$ log y m n n p s У e t S a beb a a g W m a S t n C w e e anande d ı k е w t h 0 a a e I a h d e e \mathbf{a} C d t S a m r e a W n У a d w o m c b d C U a n g f S t a t d S a h S a a 0 f d e n 0 h t e b r k \mathbf{a} b emgnof d p n n **o** y t 0 u s e p 0 C i d C i g ppe r p p S e m a n mpaho e h c \mathbf{a} e S a \mathbf{a} V S S t a y de de e h n t 0 b a c t n d У i CU U a e 0 n a c m o d m d υ t t t g g c m a

Find the underlined letters in the word search. In the spaces below, write them in the order they appear to answer the riddle.

What does a ship captain yell when he wants the ship to turn right?



MESSAGE IN A BOTTLE

Send a message across the ocean to a far away land.

Tell someone about who you are!

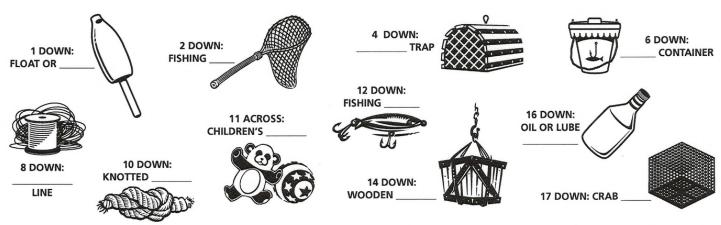


Turn off water when you are not using it. Get a reusable water bottle. Plastics that end up as ocean debris are a real problem for marine animals, destroying their habitat and worse.



Types of Marine Debris





MARINE DEBRIS COMES FROM MANY SOURCES

ACROSS:

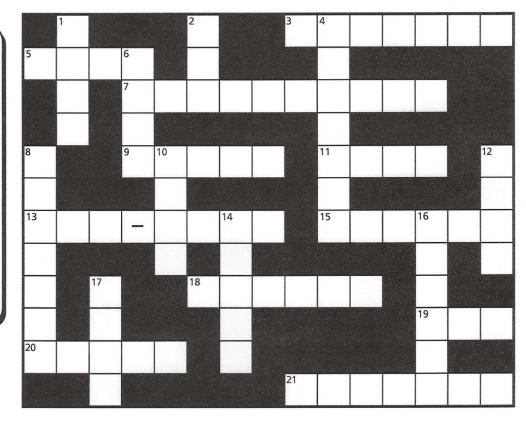
These litter items are generated by people on land such as beachgoers, picnickers, and those who improperly dump their trash.

DOWN:

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

PARENTS CAN HELP!



























THE GREAT BARRIER REEF

FACT FILE

The Great Barrier Reef is located to the north-east of the Australian coastline and is the largest reef system in the world.

One of the 7 Wonders of the Natural World!



ST7F

The Great Barrier Reef spans over 2300kms (about 1429 miles) and is the only living thing on earth visible from space. It is 65km (about 40 miles) wide at its widest, and 2000 meters (about 1.2 miles) at its deepest. It contains around 3,000 individual reefs.

LIFE ON THE REEF

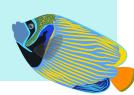
More than 9,000 species call the Great Barrier Reef home.



THREATS

- Rising sea temperatures due to climate change
- Pollution
- · Overfishing
- Cyclones
- Crown of Thorns Starfish



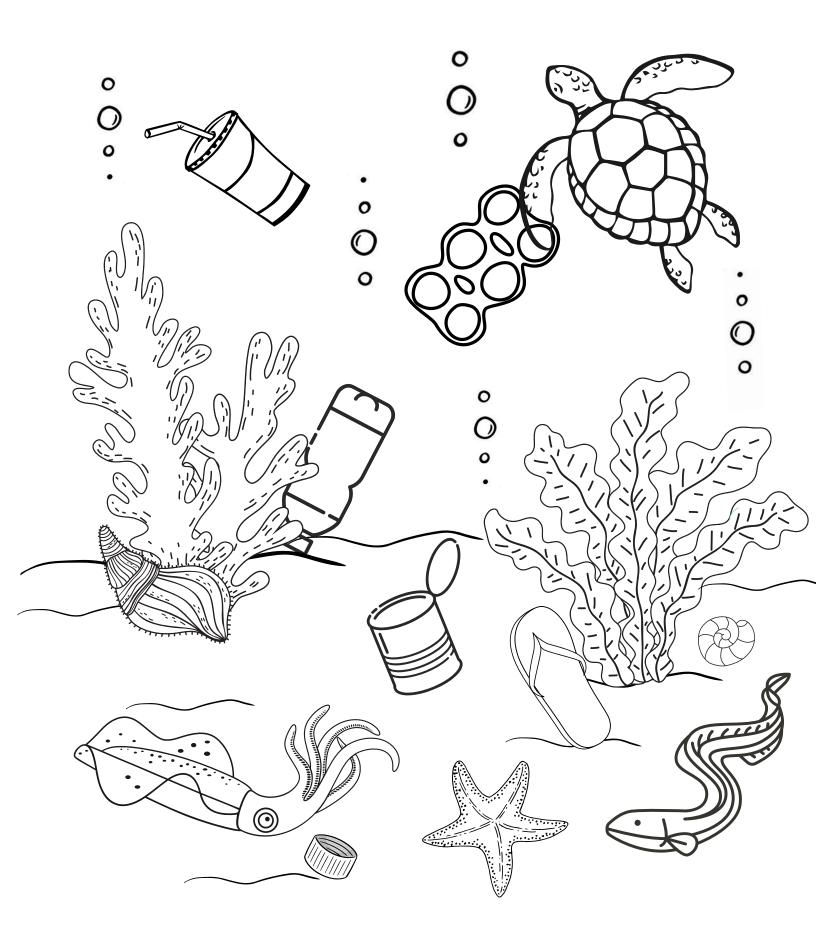


FORMATION

Reefs are living things. They are very slow growing. The Great Barrier Reef is thought to be 20 million years old. It started off as a coral larvae, which attached itself to a hard surface, then reproduced from there.



Save our Oceans



HOW YOU CAN HELP THE OCEAN



Plastics can harm marine life by consumption, entanglement, and habitat destruction

CLEAN THE BEACH

Be sure to pick any trash you see



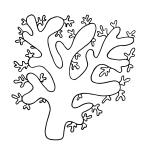
EAT SUSTAINABLY

O Protect ocean life diversity by knowing where your seafood comes from

USE ECO-FRIENDIY PRODUCTS

While doing dishes, laundry, or using personal care items, keep in mind where all products end up once they go down the drain

7ind-a-word



THE GREAT BARRIER REEF

S	Е	Т	R	N	0	I	L	L	Ι	М
Н	O	Ι	Ш		Z	O	Μ	Z	A	D
Α	R	R	Е	G	М	F	S	R	F	Е
R	Е	Е	F	Т	0	Z	ı	S	I	Z
K	Α	Α	Т	S	I	N	L	E	S	_
S	Т	Т	Α	Н	Е	G	Т	L	Н	L
Т	Е	S	Р	Q	Е	N	Е	Т	L	Т
В	R	L	В		R	D	S	R	L	S
Е	0	0	S	Е	N	T	Т	U	Е	А
D	S	Т	S		R	U	0	T	С	0
Α	J	S	Т	R	Α	L		Α	Z	С

Instructions: Find the <u>underlined</u> words in the above find-a-word.

The <u>Great Barrier Reef</u> was formed more than 20 <u>million</u> years ago. It is located to the north-east of the <u>Australian coastline</u>. The reef is home to thousands of species of <u>marine</u> life, including <u>sharks</u>, whales, <u>dolphins</u>, crocodiles, <u>fish</u>, dugongs, <u>turtles</u>, sea snakes and <u>birds</u>. <u>Tourists</u> flock to the reef to go diving and snorkelling. The reef is vulnerable to both man-made and natural <u>threats</u>.

CORAL REEF VEGGIE TRAY

Ingredients

- 1 pkg. hummas
- 1 pkg. ready-serve baby carrots
- 1 -2 stalks of celery
- 2-3 Cherry Tomatoes
- 2-4 broccoli florets
- 2-3 cauliflower florets
- 1 red bell pepper
- 10 12 snow peas or snap peas



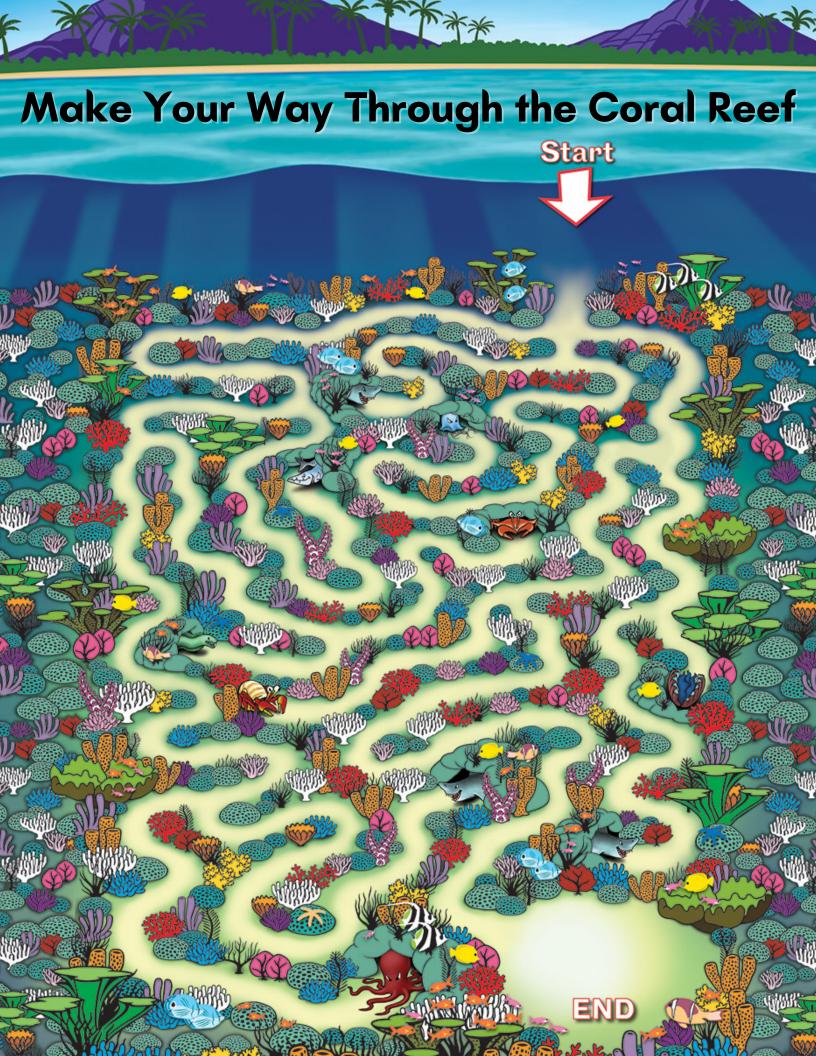
Directions:

- 1. Spread hummus in the bottom of a flat container with sides that come up 1 1/2".
- 2. Select your favorite vegetables
- 3. Make sure veggies have a flat bottom to stand up.
- 4. Use a knife to cut strips at the top of your celery stalk. Make them thin so they will fan out slightly to resemble flowing seaweed. (You may need to ask for adult help)

5. Using a variety of veggies place them in different groupings around your

serving dish.





NAME: DATE:

BRANCH:

TASK COMPLETED:



NAME:

DATE:

BRANCH:

TASK COMPLETED:



NAME:

DATE:

BRANCH:

TASK COMPLETED:



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TASK COMPLETED:



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SOUTHEAST ARKANSAS REGIONAL LIBRARY SERVICE LOCATIONS

Dermott Branch Library 117 S. Freeman 870-538-3514 dermott@searlibrary.org

Dumas Branch Library 120 E. Choctaw 870-382-5763 dumas@searlibrary.org

Eudora Branch Library 161 North Cherry 870-355-2450 eudora@searlibray.org

Hermitage Branch Library 122 S. Main 870-463-8962 hermitage@searlibrary.org Lake Village Branch Library 108 Church St. 870-265-6116 lakevillage@searlibrary.org

McGehee Branch Library 211 N. 4th 870-222-4097 mcgehee@searlibrary.org

Monticello Branch Library 114 W. Jefferson 870-367-4392 monticello@searlibrary.org

Star City Branch Library 200 E. Wiley 870-628-4711 starcity@searlibrary.org

Warren Branch Library 115 W Cypress 870-226-2536 warren@searlibrary.org

