

# MY ACTIVITY BOOK BELIZE



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SCAN  
ME



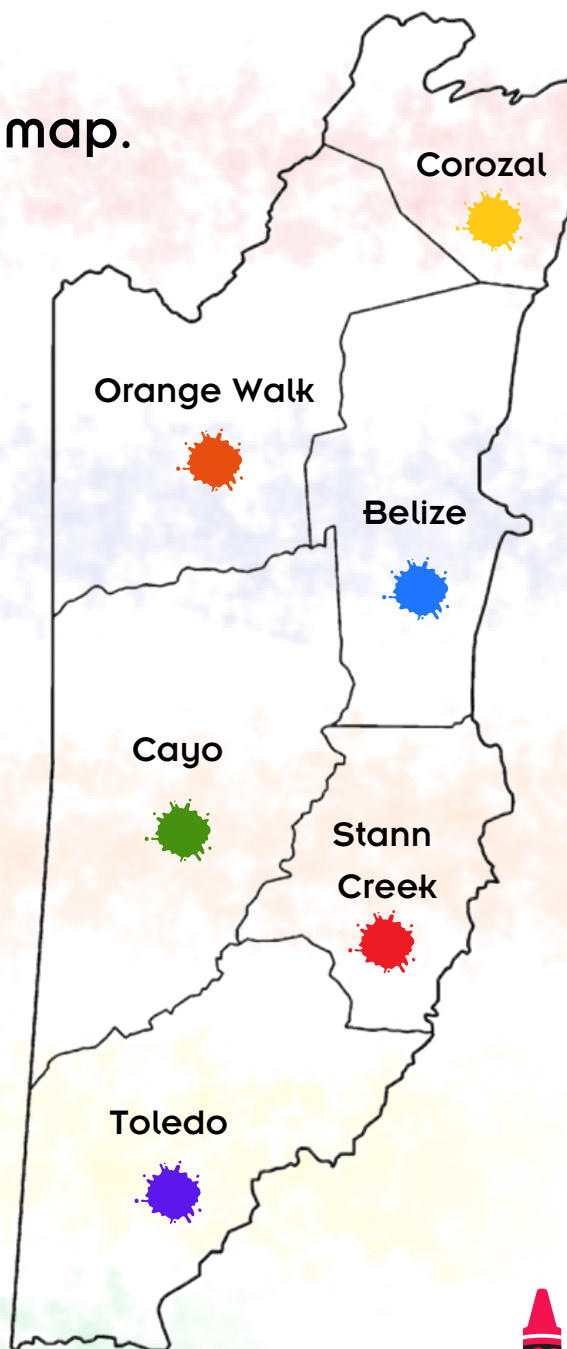
## CONSERVATION THROUGH SCIENCE

Special thanks to Copal Tree Lodge 2025

NAME: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

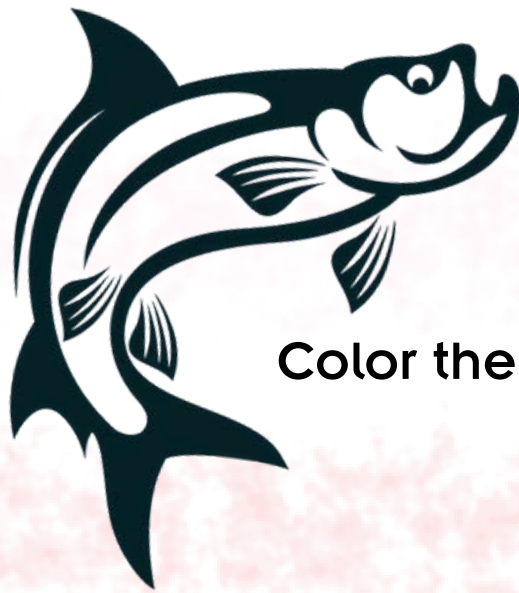
Color the map.



MAP OF BELIZE

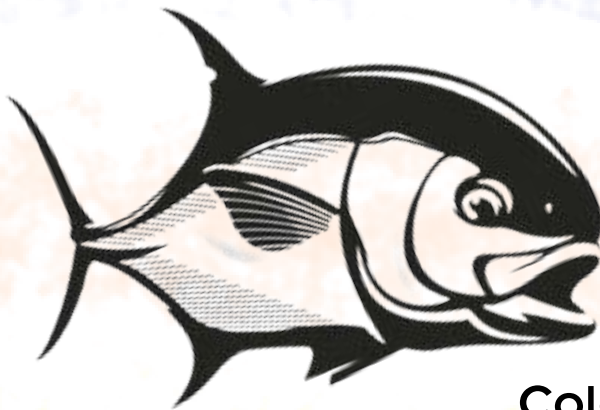






Color the tarpon **blue**.

Color the bonefish **grey**.



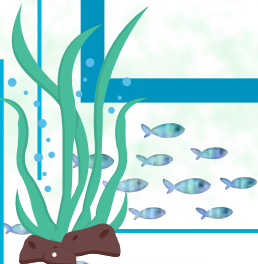
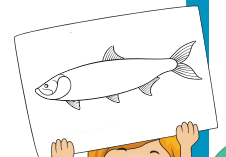
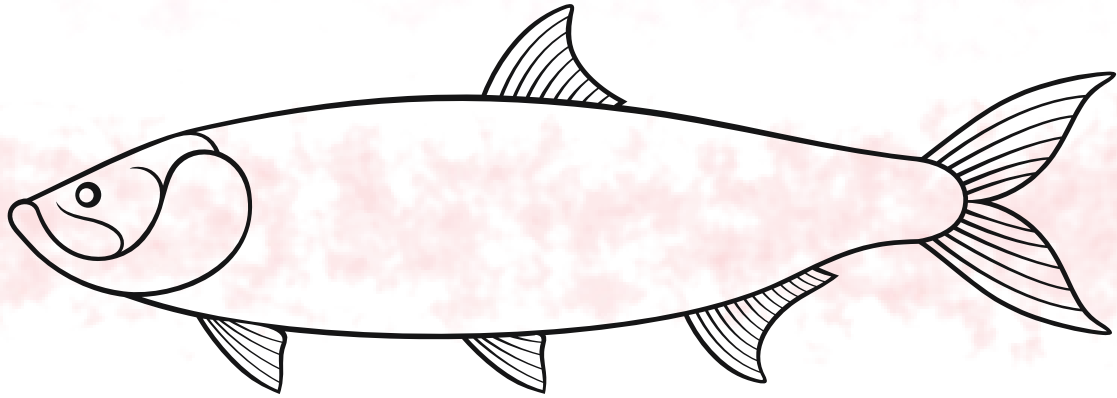
Color the permit **yellow**.

***FUN FACT:***

Tarpon, bonefish & permit were protected as catch & release only on September 2009.

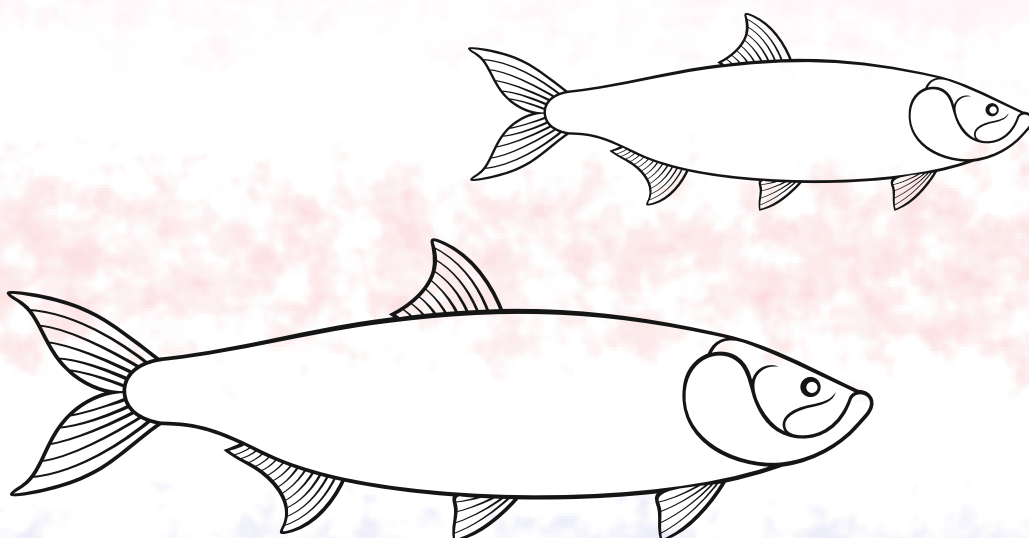


Draw your tarpon fish.

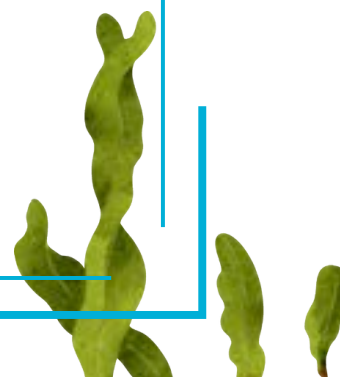




Color the largest tarpon **blue**.



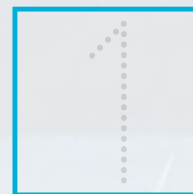
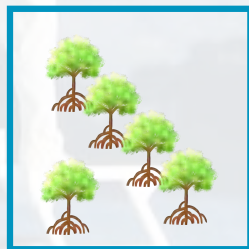
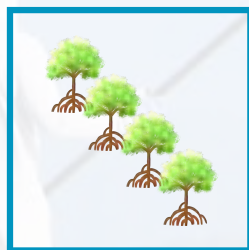
Color the smallest permit **yellow**.



Connect the dots & find out what fish it is.  
(count by 3's)



Count the mangroves & write the correct  
number in the box





## Complete the words.

1. bone \_ \_ \_ \_

2. sea \_ \_ \_ \_ \_

3. grand \_ \_ \_ \_ \_

4. flats \_ \_ \_ \_ \_

5. spawning \_ \_ \_ \_

6. off \_ \_ \_ \_ \_

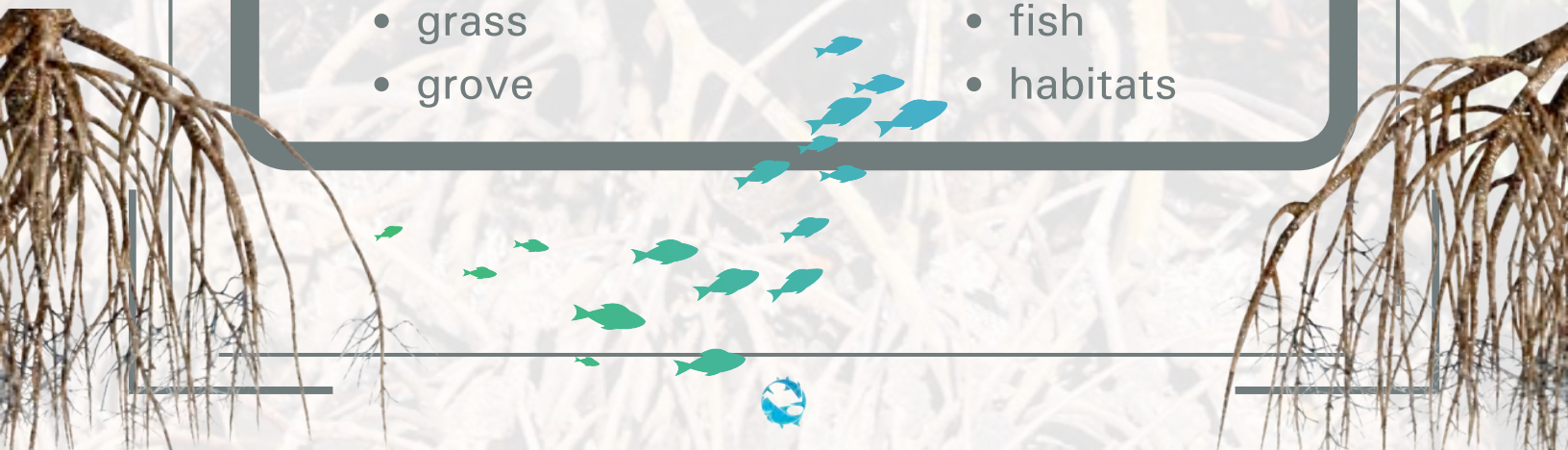
7. fly \_ \_ \_ \_ \_

8. man \_ \_ \_ \_ \_



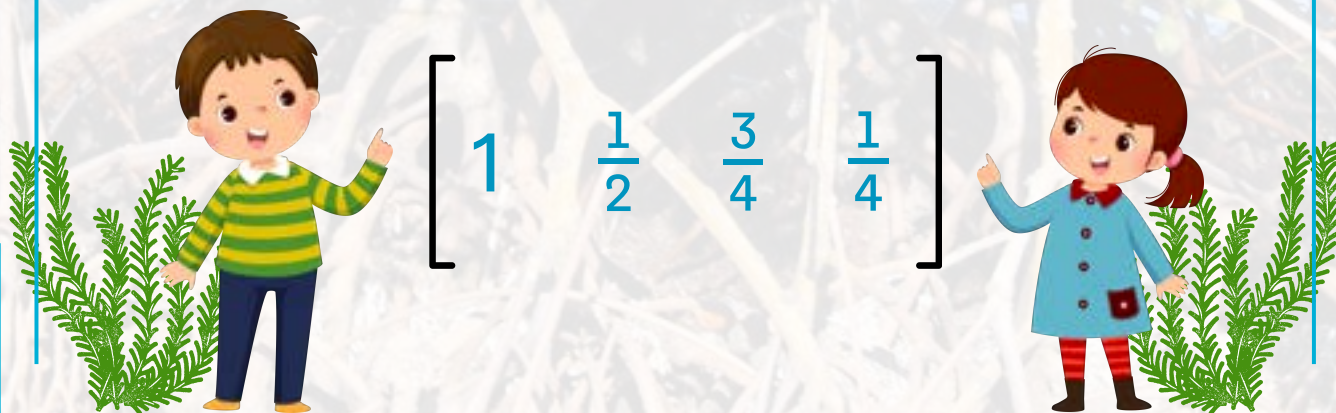
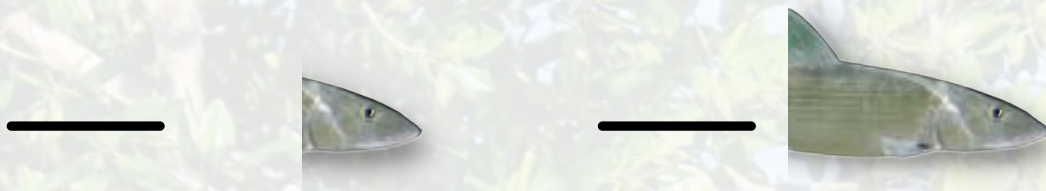
### WORD BANK

- fishing
- site
- grass
- grove
- slam
- shore
- fish
- habitats

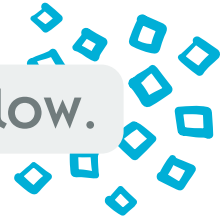




What fraction of the bonefish  
is shown below?

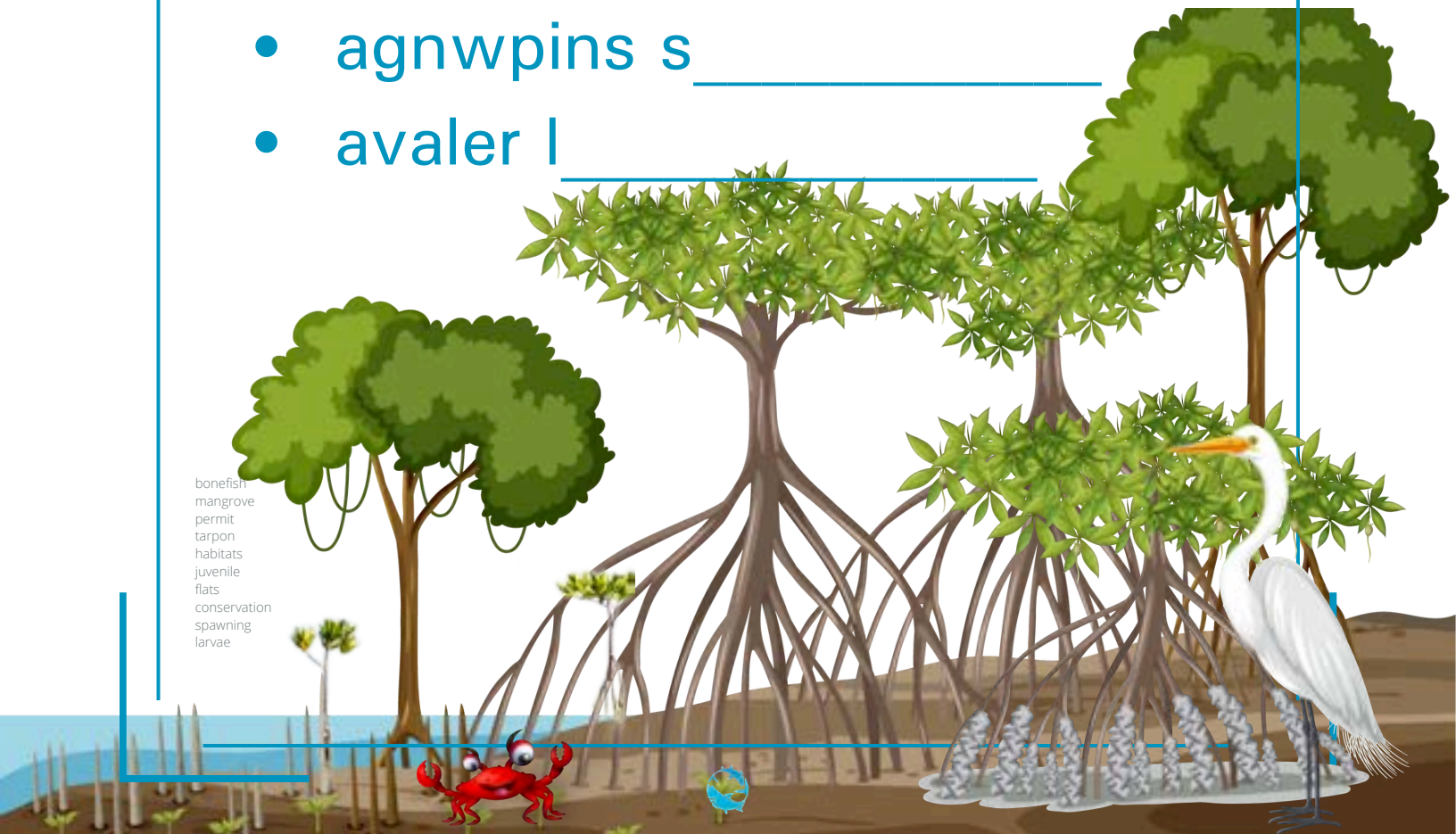


Unscramble the words below.



- ionbeshf      b \_\_\_\_\_
- ernagmov    m \_\_\_\_\_
- emtrip        p \_\_\_\_\_
- orpant        t \_\_\_\_\_
- thbatasi      h \_\_\_\_\_
- elijvune      j \_\_\_\_\_
- tfasl          f \_\_\_\_\_
- tovsoercnnia c \_\_\_\_\_
- agnwpins s \_\_\_\_\_
- avaler l \_\_\_\_\_

bonefish  
mangrove  
permit  
tarpon  
habitats  
juvenile  
flats  
conservation  
spawning  
larvae





Circle 3 adult bonefish diet.



shrimp



broccoli



crab



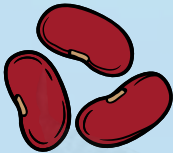
egg



worms



banana



beans



apple

True or false.

1. There are only 2 types of mangroves in Belize.  
= \_\_\_\_\_
2. Bonefish spend about 120 days in a larvae stage.  
= \_\_\_\_\_
3. Mangroves are an essential part of the ecosystem that supports bonefish and other flats species.  
= \_\_\_\_\_





## Choose & write the correct answer.

1. When flyfishing, what is the recommended time to release a bonefish after catching one?

- A. 10 seconds
- B. 40 seconds
- C. 60 seconds
- D. 90 seconds

\_\_\_\_\_



2. How can you track a permit, bonefish or tarpon?

- A. using a camera
- B. using a binoculars
- C. using a tag
- D. none of the above

\_\_\_\_\_

3. Which of these tools is best used to dehook a bonefish?

- A. a knife
- B. a fork
- C. a hammer
- D. a dehooker

4. Bonefish offspring undergo a process of how many steps of metamorphosis as they settle in bay bottoms?

- A. two-steps
- B. three-step
- C. five- steps
- D. none of the above

\_\_\_\_\_

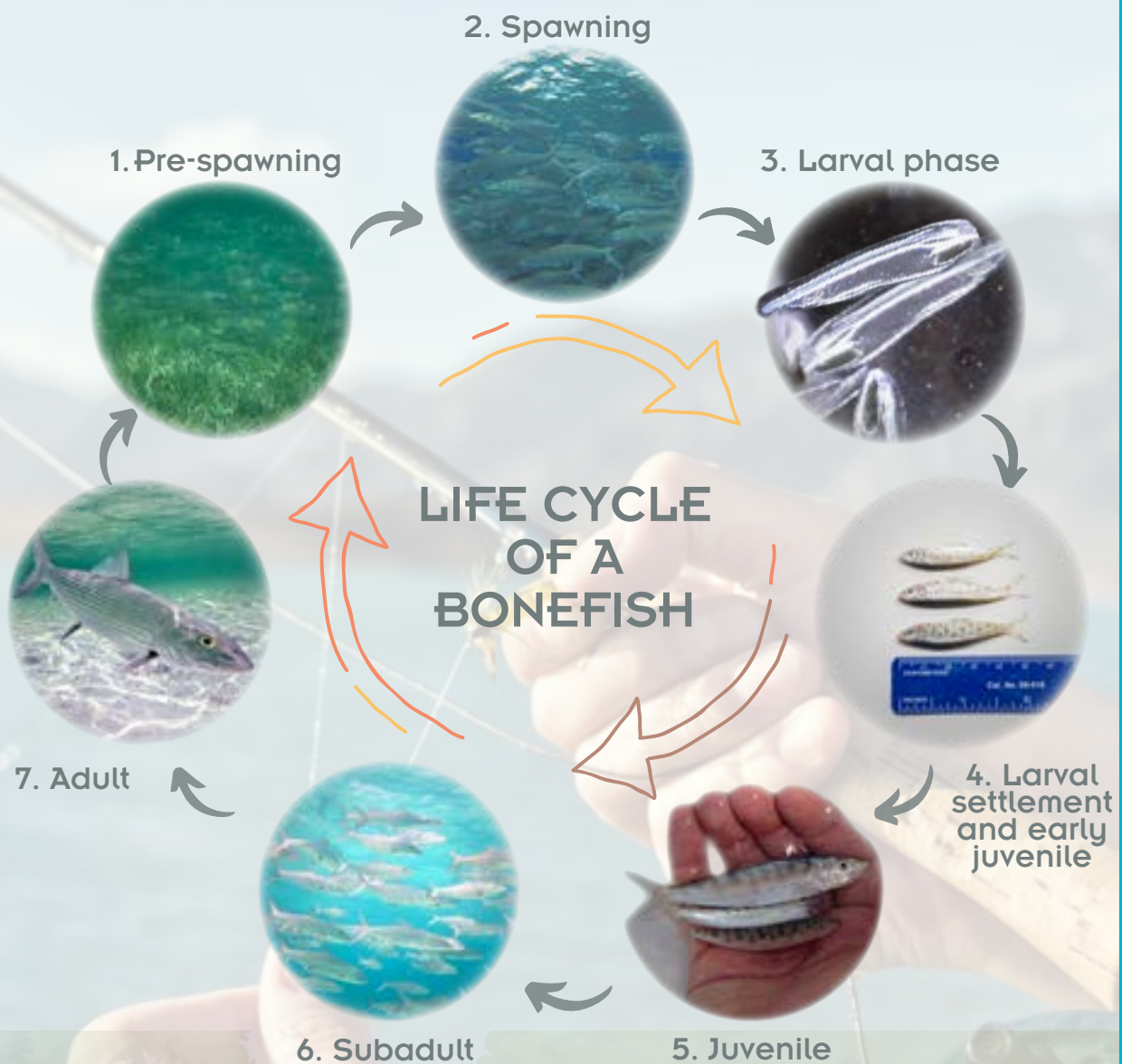
5. Which of these habitats are best feeding grounds for bonefish?

- A. seagrass meadows
- B. shallow waters
- C. sand flats
- D. all of the above





Choose & write the correct answer.



1. How many stages are in the life cycle of a bonefish?

= \_\_\_\_\_

2. Name the fifth life cycle of the bonefish.

= \_\_\_\_\_

3. True or false. After bonefish spawn then comes the larval phase.

= \_\_\_\_\_







Did you know that BONEFISH are a schooling fish that feed in shallow HABITATS? Well, yes they do, they feed in habitats such as SEAGRASS meadows and sand flats.

Studies using ultrasonic TAGS to track BONEFISH show that bonefish SPAWN OFFSHORE.

BONEFISH spend 40-70 days in a LARVAL stage. BONEFISH offspring undergo a three-step process of metamorphosis as they settle in bay bottoms...

An adult BONEFISH diet consists of SHRIMPS, CRABS & WORMS.



Handle me with care. If I am removed from the water for longer than 10 SECONDS I become six times more likely to get eaten or die. So have a plan. Let me off easy.



Reading  
corner







## THE MOST IMPORTANT BONEFISHING TOOL.

For healthier fish, the most important fishing tool you can use is a DEHOOKER. Keep a DEHOOKER handy for BONEFISH, TARPON & PERMIT.



MANGROVES are an essential part of the ecosystem that supports FISHES.

MANGROVES serve as a buffer against storms, prevent coastal erosion, and provide important habitat.

Belize is home to 3 different species of mangrove, the red, the black, and the white mangrove.

Reading  
corner

2





# Reading corner

3



①

Sand dredging destroys sandy-muddy bottom and seagrass habitats important to bonefish, permit, and their prey.

②

Mangrove cutting reduces shoreline protection, and increases nutrients that enter the water where juvenile bonefish, tarpon and other fish live.

③

Flats habitats act as nursery areas where juvenile bonefish and permit start their life and are also important feeding or foraging grounds for subadults and adults.



*Designed and Created in 2023 By:  
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Lysandra Chan  
Dr. Addiel U. Perez*







# Protecting Coastal Habitats and Fisheries Protects Our Communities.



*Reference as:  
Bonefish & Tarpon Trust, 2025. My Activity Book Belize. Pp 16,  
Miami FL. US.*

Photo: Marc Montecchio

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