

# October Work Book

Utilize this workbook to ensure a fun-filled educational day at Marineland Dolphin Adventure!

## Homeschool Day Activities

- **Independent Activity: Build A Turtle**
  - **Description:** Learn about the different parts of a sea turtle, tortoise, and terrapin. Then compare and contrast how they have adapted to their environment!
  - **Location:** Ambassador Park
  - **Page Number:** See page 3-5
- **Guided Educational Booth Activity: Wildlife Crossing**
  - **Description:** Learn about wildlife bridges being utilized to help reduce the environmental impact of highways and other heavily human-populated areas.
  - **Location:** Education Station in Ambassador Park
  - **Page Number:** See Pages 6-7
- **Guided Educational Booth Activity: Sea Turtle Survivor**
  - **Description:** Learn about a sea turtle's life cycle and the threats and challenges they face along the way through a fun interactive game.
  - **Location:** Education Station in Whitney Park
  - **Page Number:** See Pages 8-12

## Homeschool Day Schedule

**Guided Educational Booth Activities**  
(Available as a walk up activity from 10 AM-2:30PM)

Wild Life Bridge

Ambassador Park's  
Educational Booth

Sea Turtle Survivor

Whitney Park's  
Educational Booth

**Independent Activity**  
See pages 3-5 for how to complete the Independent Activity  
(Available as a walk up activity from 10 AM-2:30PM)

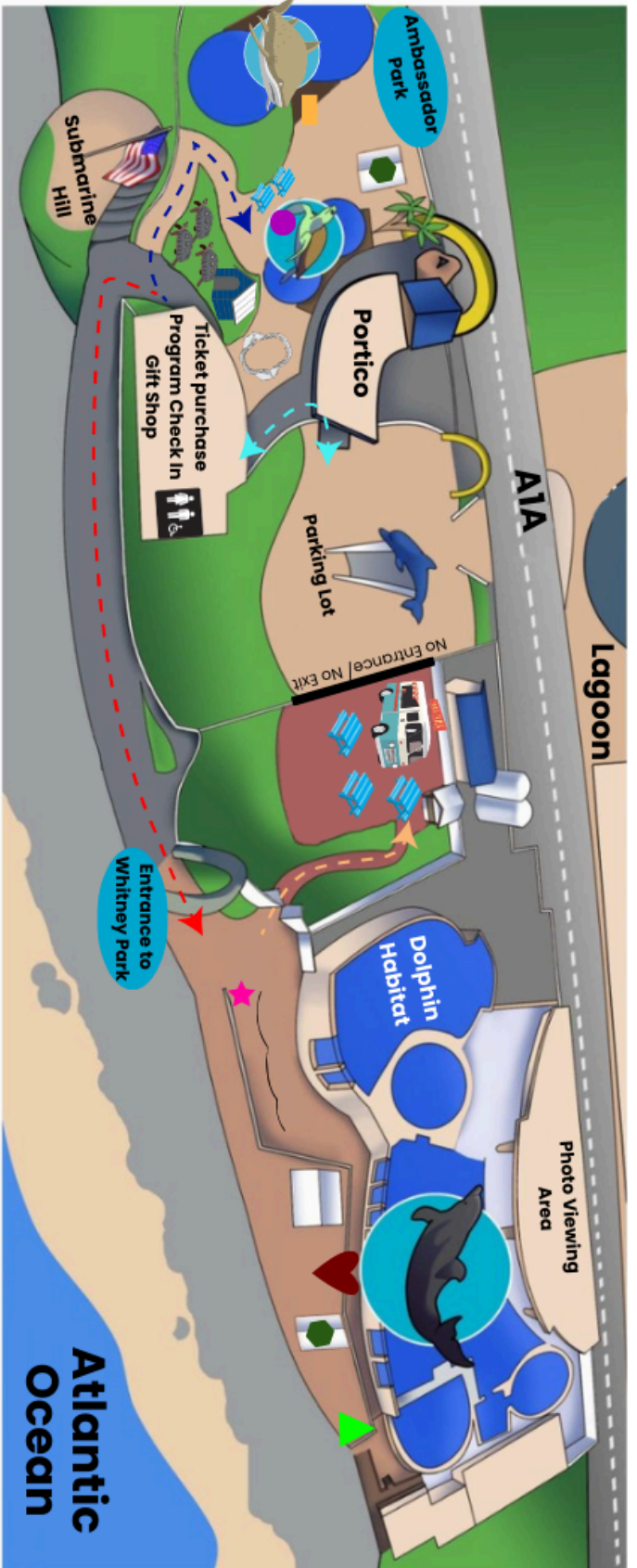
Build A Turtle

Ambassador Park Tables

**Tortoise Interaction Add-On (Additional \$10 (plus tax)):**  
11:45 AM, 12:30 PM, 1:30 PM

**Additional Talks and Presentations included with Homeschool Day**  
(Please note some of these are repeated throughout the day)

Time	Activity	Location
9:45 AM	Sea to Shore Aquarium Tour	Whitney Park Stantions
10:30 AM	Shark Talk	Shark Habitats Ambassador Park
10:50 AM	Turtle Talk	Sea Turtle Habitat in Ambassador Park
11:15 AM	Dolphin Talk	Whitney Park Bleachers
11:45 AM	Sea to Shore Aquarium Tour	Whitney Park Stantions
12:30 AM	Sea to Shore Aquarium Tour	Whitney Park Stantions
1:00 PM	Turtle Talk	Sea Turtle Habitat in Ambassador Park
1:30 PM	Sea to Shore Aquarium Tour	Whitney Park Stantions
2:40 PM	Dolphin Talk	Whitney Park Bleachers



**Things to do in Ambassador Park:**

- 10:30 AM: Shark Talk
- 1:00 PM: Turtle Talk
- Red Foot Tortoise Viewing
- Education Station Activities & Ambassador Program

**Things to do in Whitney Park:**

- ▲ Dolphin Program Pick-Up
- ♥ Dolphin Talk & Program Viewing Area
- ★ Sea to Shore Aquarium Tour Pick-Up Location
- Education Station Activities & Ambassador Program

Only Entrance & Exit

Flipperz Food Truck  
Food Designated Area of the Facility  
**No food allowed in Whitney Park for Dolphin Safety**

# Build A Turtle!

## Independent Activity

### Learning Objectives:

1. Learn the basic anatomy of Sea turtles, Tortoises, & Terrapins
2. Learn the similarities and differences between Sea Turtles, Tortoises, and Terrapins
3. Learn how all three types of Turtles have adaptations that are based on the environment where they live

To Start the Activity, head to Ambassador Park by Our Sea Turtle Habitat! Once at the Table by our Sea Turtle Habitat, follow the instructions below.

1. Select a bag that will contain several felt pieces. The goal is to construct a sea turtle out of those felt pieces.
2. Once complete, you will have a sea turtle but, you're not done yet! Take the labels found in the bag and see what you have learned. How many parts of a sea turtle can you name?
3. Then check your work by opening the Blue folder with the answer key.
4. Once you have confirmed you have labeled everything correctly on the sea turtle, circle the following items that identify the traits of a sea turtle.

### Sea Turtle Traits:

Flippers  
Sturdy Legs  
Webbed Feet  
Beak  
No Teeth

Tail  
Cold Blooded  
Shell  
Sharp Claws  
One Claw

No Claws  
Scales  
Breathe Air  
Lay eggs on  
Land

5. Once completed please take apart the Sea Turtle and put all the felt pieces back in the bag so the next person can enjoy this activity.

\*Continue the fun and move on to the table by the Megalodon Jaws to build a Terrapin.

Repeat steps 1-4. Find the bag to build a Terrapin. See Stuffed Animal Terrapin as a reference.

Terrapin Traits:

Flippers Sturdy Legs Webbed Feet Beak No Teeth	Tail Cold Blooded Shell Sharp Claws One Claw	No Claws Scales Breathe Air Lay eggs on Land
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5. Once you have circled the traits that go with a Terrapin put the felt pieces back in the bag and move to the table by the Tortoise habitat.

\*Please Note to see our Diamondback Terrapins please join us for one of our Sea to Shore Aquariums tours at the Following Times 9:45 AM, 11:45 AM, 12:30 PM, and 1:30 PM.

Repeat steps 1-4. Find a bag to build a Tortoise.

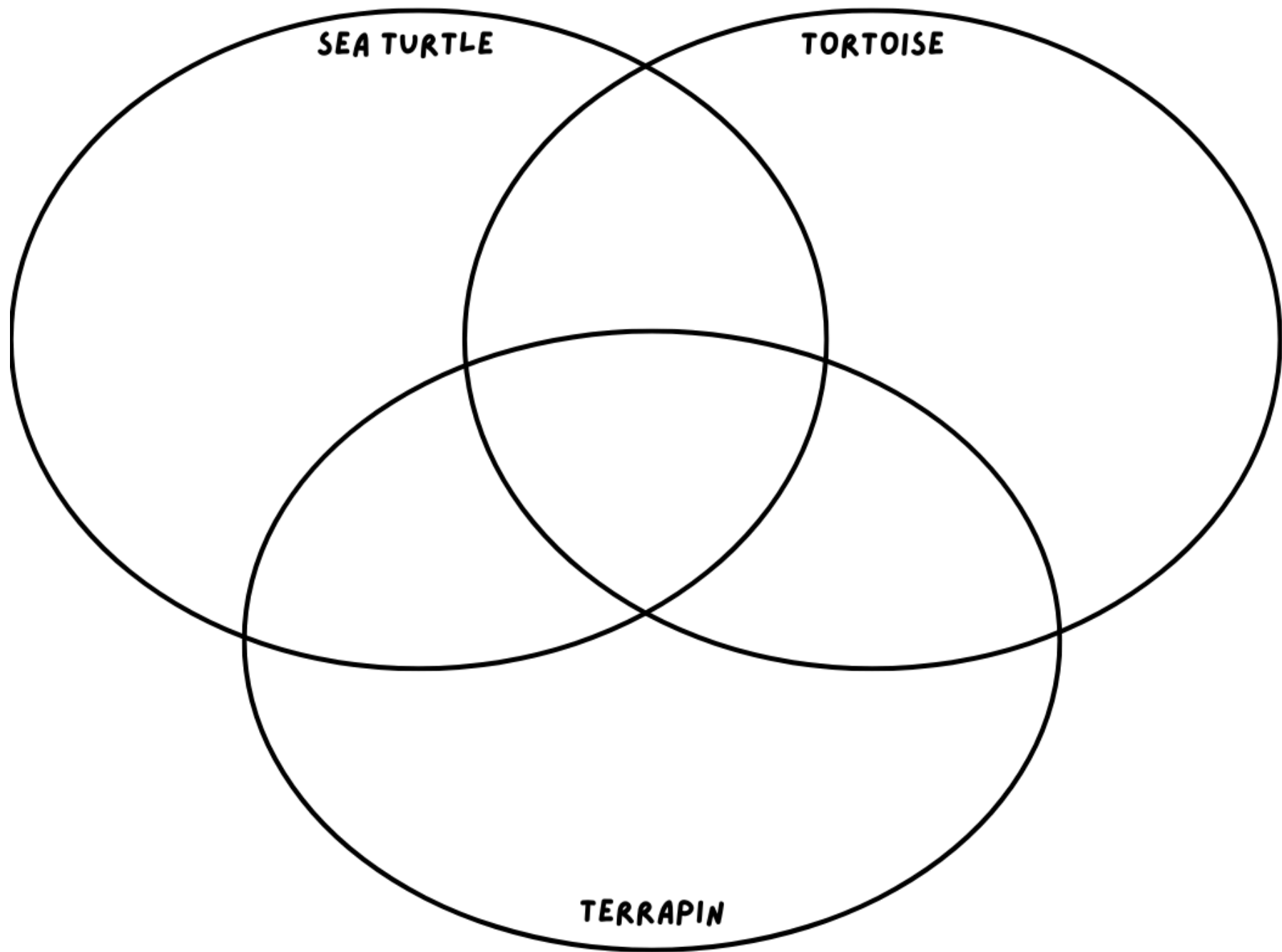
Tortoise Traits:

Flippers Sturdy Legs Webbed Feet Beak No Teeth	Tail Cold Blooded Shell Sharp Claws One Claw	No Claws Scales Breathe Air Lay eggs on Land
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5. Once you have circled the traits that go with a Tortoise, use the traits from all three types of turtles to fill in the Venn diagram on the next page to compare and contrast how the turtles are adapted to their environment.

Word Bank for Ven Diagram

Domed Shell Land Dwelling Streamlined Shell Water Dwelling Flippers Cold Blooded Semi-aquatic	Sharp Claws One claw No Claw Lays eggs on land 7 species Most omnivores Breathe Air	Sturdy legs Mostly herbivores Webbed feet Slightly Streamed Lined Shell Over 350 Species
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# WILDLIFE CROSSINGS!

## Guided Activity

Pre-activity Questions (Circle your Answer):

1. Have you ever seen a reptile that was crossing the road?
  - a. Yes
  - b. No
2. Have you ever seen a reptile that got hit by a car on the road?
  - a. Yes
  - b. No
3. Circle the main reptile in this area of Florida that is impacted by roads and cars.

Snakes	Gopher Tortoises	Alligators
Lizards	Terrapins	
4. Have you ever heard of a Wildlife Bridge?
  - a. Yes
  - b. No

Head to the Education Station to create your own Wildlife bridge!



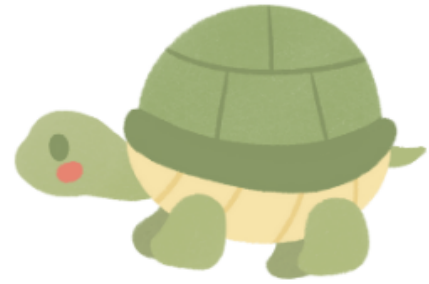
Choose a reptile that needs to cross the road and construct your best wildlife crossing, bridge, or tunnel so your reptile can cross safely!

My Reptile is a \_\_\_\_\_

How many legs does it have? \_\_\_\_\_

Is it fast or slow? \_\_\_\_\_

What substrate does my reptile need?  
Grass? Rocks? Sand? Water?



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Will my reptile be able to cross a bridge or will they need a tunnel?

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**Once your wildlife crossing is built: (Circle your answer)**

Is your crossing safe for animals? YES NO

Do you think it could be used for multiple species? YES NO

Do you think reptiles will use your crossing instead of trying to cross the road? YES NO

Will your wildlife crossing reduce animal and automobile accidents? YES NO

**Post-activity Questions:**

1. Why do you think it is important to minimize human impact caused by highways and heavily constructed areas?

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2. What is one thing you could do to help our reptiles in this area?

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# SURVIVOR BINGO

## Guided Activity

Head to our education station in Whitney Park and see what a sea turtle hatchling must face to survive!

Pre-activity Questions:

1. List a few things you know about the life of a Sea turtle.

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2. What challenges do you think sea turtles face in their lifetime?

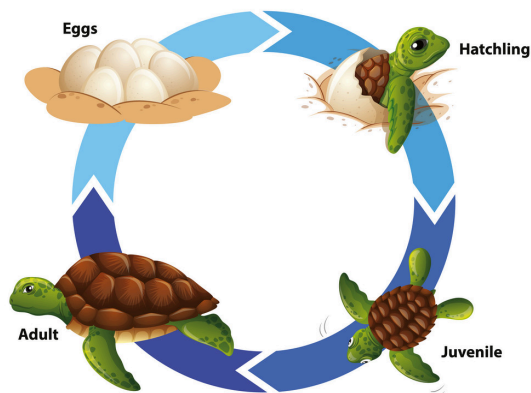
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### Life Cycle of a Turtle



Head to our education station in Whitney Park and use the activity cards below to see what a sea turtle hatchlings must face to survive!

The image shows two identical activity cards side-by-side. Each card has a blue background with a dark blue top section containing the text "SEA TURTLE SURVIVOR" and two green sea turtles. Below the text is a 4x3 grid of white rounded squares containing numbers. The bottom of each card features a colorful underwater scene with coral, a yellow and blue fish, and bubbles. The text "CARD # 1" is at the bottom of the left card, and "CARD # 2" is at the bottom of the right card.

SEA TURTLE SURVIVOR		
35	1	19
47	6	
22	17	30
43	11	

SEA TURTLE SURVIVOR		
9	33	18
45	36	
7	23	16
50	2	

**SEA TURTLE SURVIVOR**

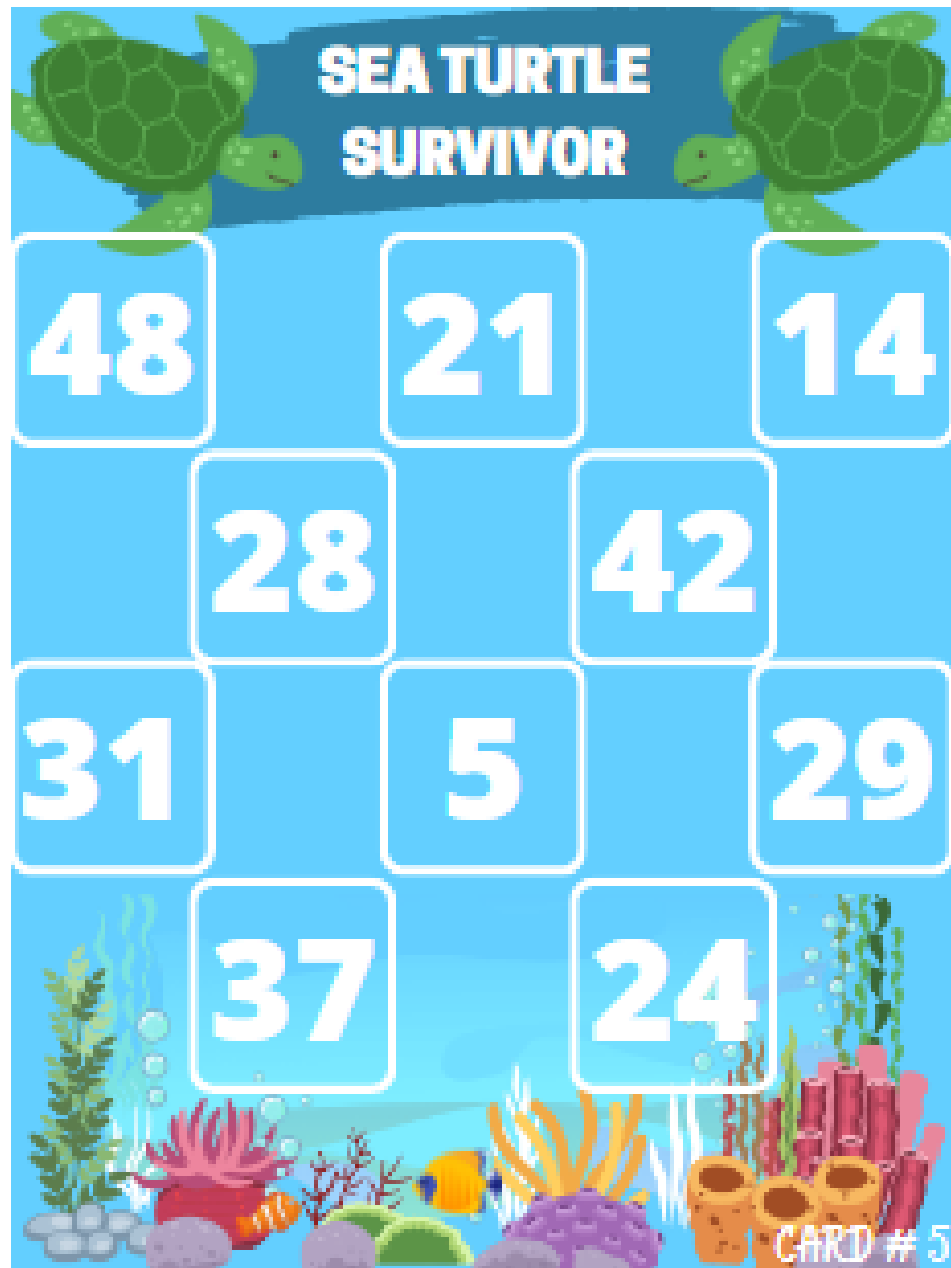
26	15	10
44	3	
12	40	27
32	49	

CARD # 3

**SEA TURTLE SURVIVOR**

13	8	20
4	34	
25	46	38
41	39	

CARD # 4



SEA TURTLE SURVIVOR

48	21	14
	28	42
31	5	29
	37	24

CARD # 5

The image shows a game board titled "SEA TURTLE SURVIVOR" with two green sea turtles at the top. The board is a 4x3 grid of light blue squares with white borders. The numbers in the squares are: Row 1: 48, 21, 14; Row 2: (empty), 28, 42; Row 3: 31, 5, 29; Row 4: (empty), 37, 24. The bottom of the board features a colorful illustration of an underwater scene with coral, sea anemones, and a small orange and white striped fish. The text "CARD # 5" is located in the bottom right corner.

## Post-activity Questions:

How many Sea Turtles make it to adulthood?

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What are the two main challenges that Sea Turtles face throughout their life?

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Circle **ONE** thing you can **PLEDGE** to do to help Sea Turtles Survive.



**Filling in holes dug at the beach**



**Knocking over sandcastles when you leave**



**Throwing your trash away in the proper can**



**Use Reusable bags**