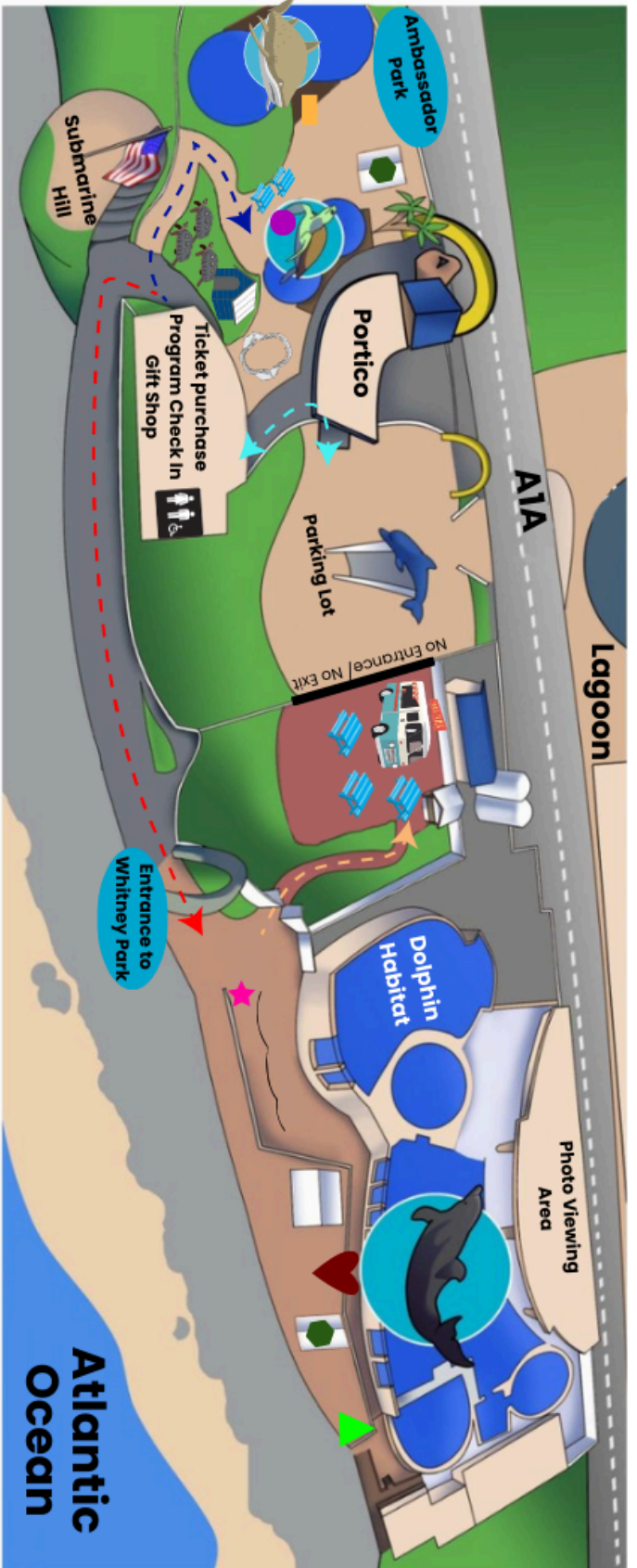


# November Workbook (K-5th)

## Homeschool Day Activities

- **Guided Dolphin Window Enrichment: HIGHLY RECOMMENDED!**
  - Location & Time: 10:50 AM Meet in front of the Bleachers
  - Page Number: See Page 7
- **Guided Educational Booth Activity: Dolphin Adaptations**
  - Description: Learn about all of the different parts of a dolphin and the different adaptations a dolphin has to live in the water.
  - Location: Education Station in Ambassador Park
  - Page Number: See Pages 4-6
- **Guided Educational Booth Activity: Dolphin Senses**
  - Description: Learn about how dolphins communicate then compare dolphin senses with your own!
  - Location: Education Station in Whitney Park
  - Page Number: See Pages 8-9
- **Guided Meet our Dolphin Family Guess Who Activity:**
  - Description: Using the guide in this packet students will get to know a little bit more about the 13 bottlenose dolphins that call Marineland home.
  - Location: Meet at Education Station in Whitney Park at the designated times.
  - Page Number: 11-13
- **Guided Field Activity: Mock Stranding (AT THE BEACH!)**
  - Description: Learn how to help authorities if you were to come across a marine mammal stranded and get to act out what the rescue team would do if called to a dolphin stranding
  - Location: Meet at the front gate at the designated time do not be late lesson will start promptly at the designated time!!
  - Page Number: See page 10

<b>Homeschool Day Schedule</b>		
<b>Guided Educational Booth Activities</b> (Available as a walk up activity from 9:30 AM-2:00PM)		
<b>Dolphin Adaptations</b>		<b>Ambassador Park's Educational Booth</b>
<b>Dolphin Senses</b>		<b>Whitney Park's Educational Booth</b>
<b>Guided Scheduled Activities</b> (Available at specific times for specific age groups)	<b>Timeframe</b>	<b>Location</b>
<b>Dolphin Window Enrichment Session</b> (All age groups)	<b>10:50 AM</b>	<b>Whitney Park Bleachers</b>
<b>Marineland Dolphin Family: Guess Who</b> (All age groups welcome)	<b>9:45 AM - 10:05AM, 10:30 AM - 10:50 AM, 12:30 PM - 12:50 PM</b>	<b>Whitney Park Bleachers</b>
<b>Mock Stranding (K- 5th)</b>	<b>11:40 AM - 12:20 PM</b>	<b>Meet at Front Gate: We will be walking to the beach for this activity</b>
<b>Mock Stranding (6th and Up)</b>	<b>1:10 PM - 1:50 PM</b>	
<b>Dolphin Meet &amp; Greet</b> (additional \$25 plus tax, photo's of program purchased separately): <b>9:30 AM, 12:45 PM</b>		
<b>Additional Talks and Presentations included with Homeschool Day</b> (Please note some of these are repeated throughout the day and included in EVERY Homeschool Day)		
<b>Time</b>	<b>Activity</b>	<b>Location</b>
<b>9:30 AM</b>	<b>Sea to Shore Aquarium Tour</b>	<b>Whitney Park Stantions</b>
<b>10:15 AM</b>	<b>Turtle Talk</b>	<b>Sea Turtle Habitat in Ambassador Park</b>
<b>10:45 AM</b>	<b>Shark Talk &amp; Feeding</b>	<b>Ambassador Park</b>
<b>11:15 AM</b>	<b>Dolphin Talk</b>	<b>Whitney Park Bleachers</b>
<b>11:45 AM</b>	<b>Sea to Shore Aquarium Tour</b>	<b>Whitney Park Stantions</b>
<b>12:30 AM</b>	<b>Sea to Shore Aquarium Tour</b>	<b>Whitney Park Stantions</b>
<b>1:15 PM</b>	<b>Sea to Shore Aquarium Tour</b>	<b>Whitney Park Stantions</b>



**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**

# Dolphin Adaptations

## Guided Activity

Head to our education station in Ambassador Park to begin your homeschool day!

Pre-activity Questions:

1. List a few things you might already know about dolphins:

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

2. How do you think dolphins have adapted to their ocean environment?

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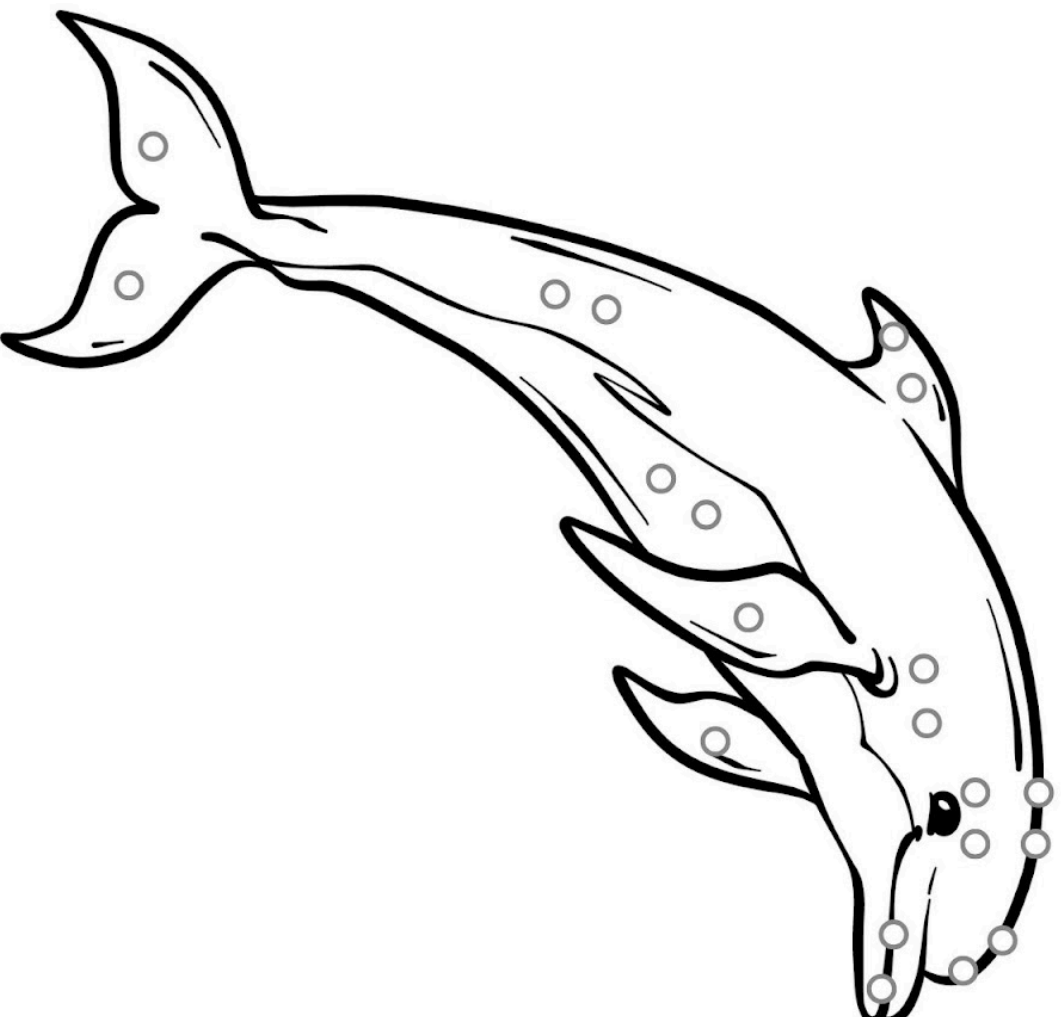
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# Dolphin Adaptations: K-5th

- Tail Flukes
- Dorsal Fin
- Pectoral Flippers
- Ears
- Melon
- These help the dolphin steer
- Dolphins breathe and make sounds through this opening
- This is used to grab prey
- Natural camouflage
- Strong muscle that allows dolphins to jump 2-3 times their body length out of the water



- Peduncle
- Blowhole
- Eyes
- Rostrum
- Countershading
- This part acts like an acoustic lens to focus sounds in different directions
- Dolphins are primarily monocular, meaning they typically use only one of these to process visual stimuli
- The separation of this body part allows a dolphin to localize sound, which is important for echolocation
- This body part helps stabilize the dolphin
- This helps propel the dolphin forward

# Dolphin Adaptations: How do they stay warm?

Now that you have learned about the different parts of a dolphin and what each part does we are going to dive deeper into other ways dolphins are built for their environment.

Have you ever gotten into the ocean in the wintertime?

Yes

Maybe

No

If you have what does it feel like? If you have not what do you think it would be like?

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If you think it is cold for you do you think it would be cold for a dolphin?

Yes

Maybe

No

How do you think dolphins keep themselves warm?

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After testing the water temperature without “Blubber” and then with “Blubber” do you think blubber helps a dolphin stay warm?

Yes

No

# Dolphin Enrichment: 10:50 AM

What is Enrichment:

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Why do we provide our dolphins with enrichment?

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Circle a few items that are used for dolphin enrichment:

Footballs

Bouys

Workout balls

Basket Balls

Hula Hoops

Cones

Circle What **other** animals do you think get enrichment at Marineland?

Bamboo

Sea Turtle

Fish

Sharks

Rocky

Corals

Rays

Tortoises

Hermit crabs

Lobsters

# Dolphin Senses

## Guided Activity

Head to our education station in Whitney Park to begin your homeschool day!

Pre-activity Questions:

1. List 2 ways humans communicate with each other.
2. List 2 ways dolphins communicate with each other.
3. List 2 senses that humans have.
4. List 2 senses that dolphins have.

Different Emotions to Communicate:

Happy

Disgusted

Silly

Sleepy

Grumpy

Surprised

Fear

Part One:

Pencil Location Trial #1 (Y/N)	Pencil Location Trial #2 (Y/N)	Pencil Location Trial #3 (Y/N)	Pencil Location Trial #4 (Y/N)



Part Two:

<b>Information Being Communicated (without blindfold)</b>	<b>Information Being Communicated (with blindfold)</b>	<b>Information Being Communicated (without blindfold)</b>	<b>Information Being Communicated (with blindfold)</b>

Post Activity Questions:

1. How many times out of the four did you correctly locate the dropped pencil? What do you think is the explanation for these results?

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2. During which Trial, with or without the blindfold, was it harder for you to figure out the information being communicated to you? Why do you think it was more difficult at that time?

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# Mock Stranding

(Meet at the main entrance no later than 11:40 AM)

## Dolphin Triage Report

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Location: \_\_\_\_\_

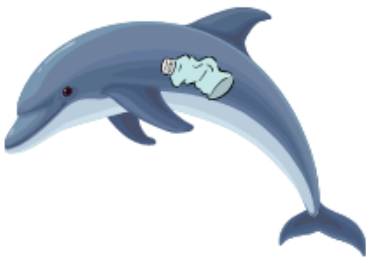
### Initial Assessment

Approximate Age:  
Calf Juvenile Adult

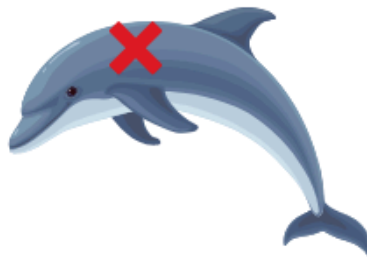
Respirations: \_\_\_\_\_

\_\_\_\_\_

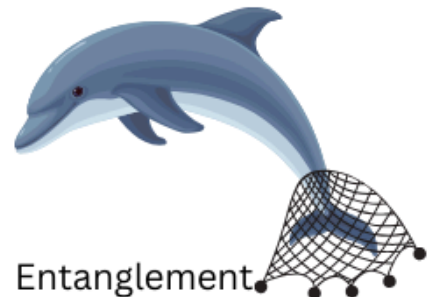
### Injury Assessment



Pollution Ingestion



Boat Strike



Entanglement

# MEET OUR DOLPHIN FAMILY: GUESS WHO

Guided Activity: See Schedule for Location & Times

## Betty

**Key Features:** White markings along dorsal fin & tip of rostrum, tail flukes & dorsal fin featuring many notches

**Relations:** Mother of Dazzle & Grandmother of Casique

**Motivated By:** New things also known as Novelty



## Briland

**Key Features:** Lighter in color dorsally, pink ventral side, hooked dorsal fin, and white on the dorsal fin

**Born In:** March

**Motivated By:** His Relationship with the Trainer



## Casique

**Key Features:** Notch in tail fluke, long narrow rostrum, sloped melon, and lightning bolt-shaped markings on rostrum

**Relations:** Daughter of Dazzle and Granddaughter of Betty

**Motivated By:** A Football, considered Secondary Reinforcement



## Dazzle

**Key Features:** "D" shaped notch in dorsal fin

**Relations:** Daughter of Betty and Mother of Casique

**Motivated By:** In water training sessions with a Trainer



## Lightning

**Key Features:** Large tail flukes that curve upwards

**Relations:** Father of Miramar

**Motivated By:** Water-Work sessions

**Fun Fact:** Is our Oldest male at Marineland

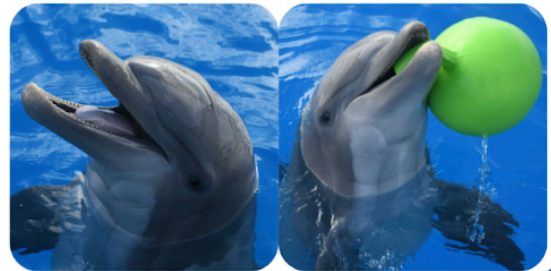


## Miramar

**Key Features:** High contrast between dorsal coloration and ventral coloration with a short rostrum

**Relations:** Son of Lightning

**Motivated By:** Structured Training Sessions



## Niele

**Key Features:** Zigzagged dorsal fin with white on it

**Relations:** No direct familial relations at Marineland at this time

**Motivated By:** Enrichment Rings



## 'Oli

**Key Features:** "Lasagna noodle" dorsal fin, large melon, and round body

**Relations:** Son of Sunny and half-sibling of Surge

**Motivated By:** Variability & New Learning



## Shaka

**Key Features:** Zigzagged edge of dorsal fin, freckles, and the largest female

**Relations:** No direct familial relations at Marineland at this time

**Motivated By:** Her Relationship with her trainer



## Sunny

**Key Features:** Longest of our dolphins, freckles, and a notch on his peduncle

**Relations:** Father of 'Oli and Surge

**Motivated By:** A fasted Paced Training Session



## Surge

**Key Features:** Lower rostrum longer than top rostrum and lean body shape

**Relations:** Son of Sunny, half-sibling of 'Oli and Tocoli

**Motivated By:** New Learning



## Tocoli

**Key Features:** Notch in upper dorsal fin and dark lines around her eyes

**Relations:** Half-sibling of Surge

**Motivated By:** New Learning



## Zac

**Key Features:** Largest by weight, triangular dorsal fin, and darker in color

**Relations:** No direct familial relations at Marineland at this time

**Motivated By:** Food/Fish also known as Primary Reinforcement

