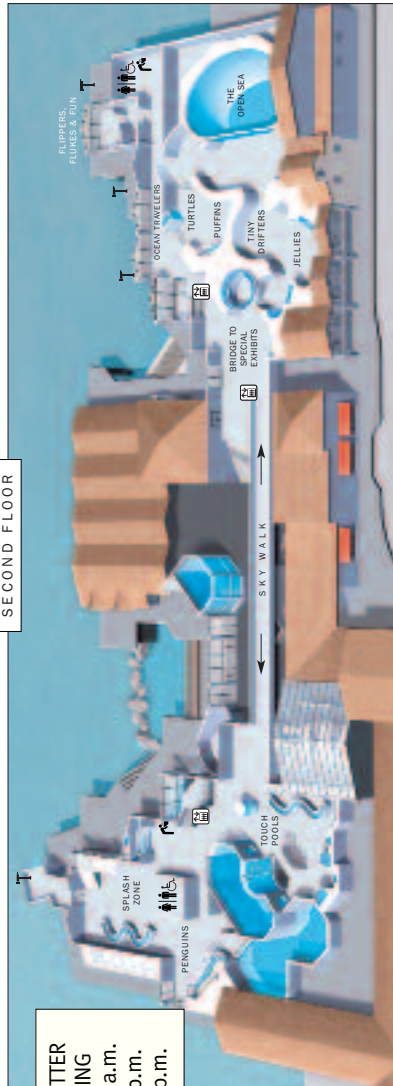


Map



SEA OTTER FEEDING
 10:30 a.m.
 1:30 p.m.
 3:30 p.m.



KELP FOREST FEEDING
 11:30 a.m.
 4:00 p.m.

MONTEREY BAY AQUARIUM

Feathers or Fins?



NAMES:

Ocean Explorers Observation Guide

Feathers or Fins Review



What did you learn?

- Birds and fish are very different animals with very different needs for survival.
- Birds and fish have body parts and behaviors (adaptations) that help them to survive.
- Birds are animals with beaks, wings and feathers. There are over 20 different species of birds at the Monterey Bay Aquarium.
- Fish are animals with gills, fins and scales. There are over 200 different species of fish at the Monterey Bay Aquarium.

Students learn through conversations. You can use this observation guide to encourage students to observe the animals and habitats in our exhibits and engage in conversations based on those observations.

We suggest you provide your group with a few minutes at each exhibit just to look around before starting an activity.

Conservation Connections

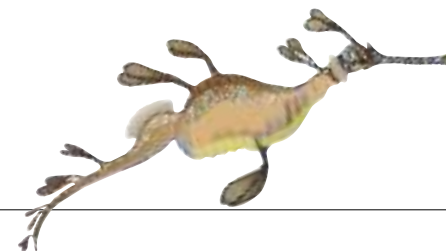
Students, how can you care for animals?

- Keep your neighborhood clean since animals need a healthy home.
- Encourage your friends to recycle and put trash in a garbage can.
- Share what you learned today about birds and fish with others.
- Keep learning. Watch a penguin feeding show. Play an interactive game. Log onto the Monterey Bay Aquarium website: www.montereybayaquarium.org



Adults, how can you care for the oceans?

- Make sustainable seafood choices! To learn more, visit: www.seafoodwatch.org
- Pack trashless lunches for your kids.
- Take reusable bags to the grocery store.



Splash Zone

Penguins are birds that live on land and in the sea. Looking closely:

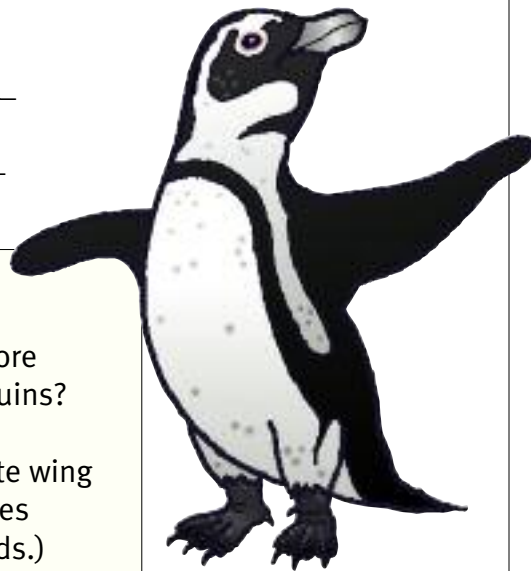
- What color(s) do you see on a penguin's beak?
- What might a penguin eat?
- What colors do you see on a penguin's foot?
- Do penguins use their feet to swim through the water?

Get ready to count!

How many penguins are:

On the rocks? _____

In the water? _____



BONUS: Are there more male or female penguins?

(The males have white wing bands and the females have black wing bands.)

Aquarium-wide

Is it a fish?

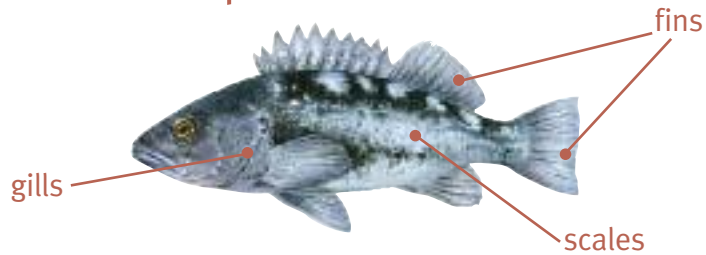
Encourage your group to find the following animals in exhibits. Ask your group to let you know which ones are fish. Help your group to look for fins, gills and scales!




Answer key: The seahorse, shark and sheephead are fish!

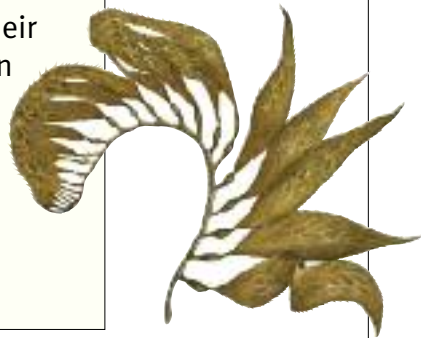
Kelp Forest

Can you observe how fins, gills and scales help a fish to survive?



- Find a fish using its tail fin to move.
- Find a fish with scales the same color as a color on your shirt. 
- Find a fish that has gills. (They all do!)
- Find a fish that hangs out at the top of the kelp forest.
- Find a fish that hides somewhere in the kelp forest.


PLAYFUL LEARNING: Ask each student in your group to find their favorite fish. Have students turn their backs while you count to five. Ask students to turn around and find their favorite fish again. What is it doing?



Aviary

Can you observe how beaks, feathers and wings help a bird to survive?



- Find a bird with feathers the same color as your hair. 
- Find a bird with a beak that is longer than your thumb.
- Find a bird using its beak to do something (preening, digging, probing).
- Find a bird that is moving its wings.



PLAYFUL LEARNING: Encourage each student to choose a bird and act out its behavior. Ask their friends to guess which bird they are pretending to be!

