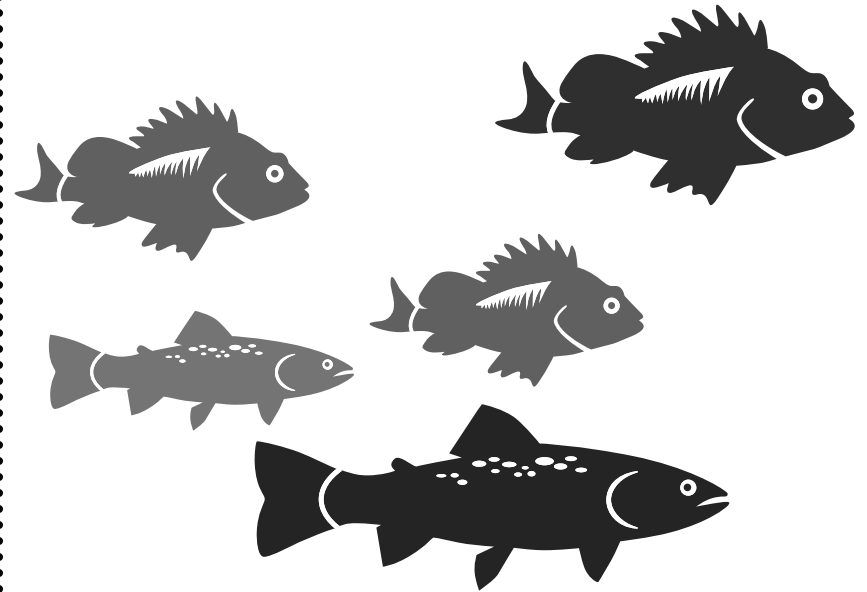




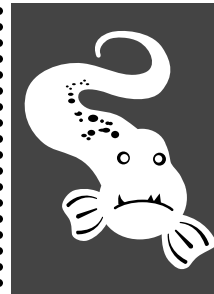
Seattle Aquarium's Mission:
Inspiring conservation of our marine environment
— begins right here at home.



MY SEATTLE AQUARIUM EXPLORATION NOTEBOOK



Use the activities and questions in this book as
you visit each exhibit at the Aquarium.

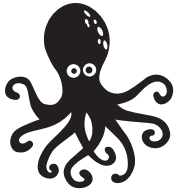


Welcome!

NAME:

DATE:

SCHOOL:



Choose one animal at the Seattle Aquarium to research

Ask yourself the following questions.

What do I know already ...

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.....
.....

What do I notice ...

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What do I want to find out ...

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Complete these activities before or after your visit to the Seattle Aquarium

Notes

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Write down more ways that you can help protect ocean animals including those found in Puget Sound.

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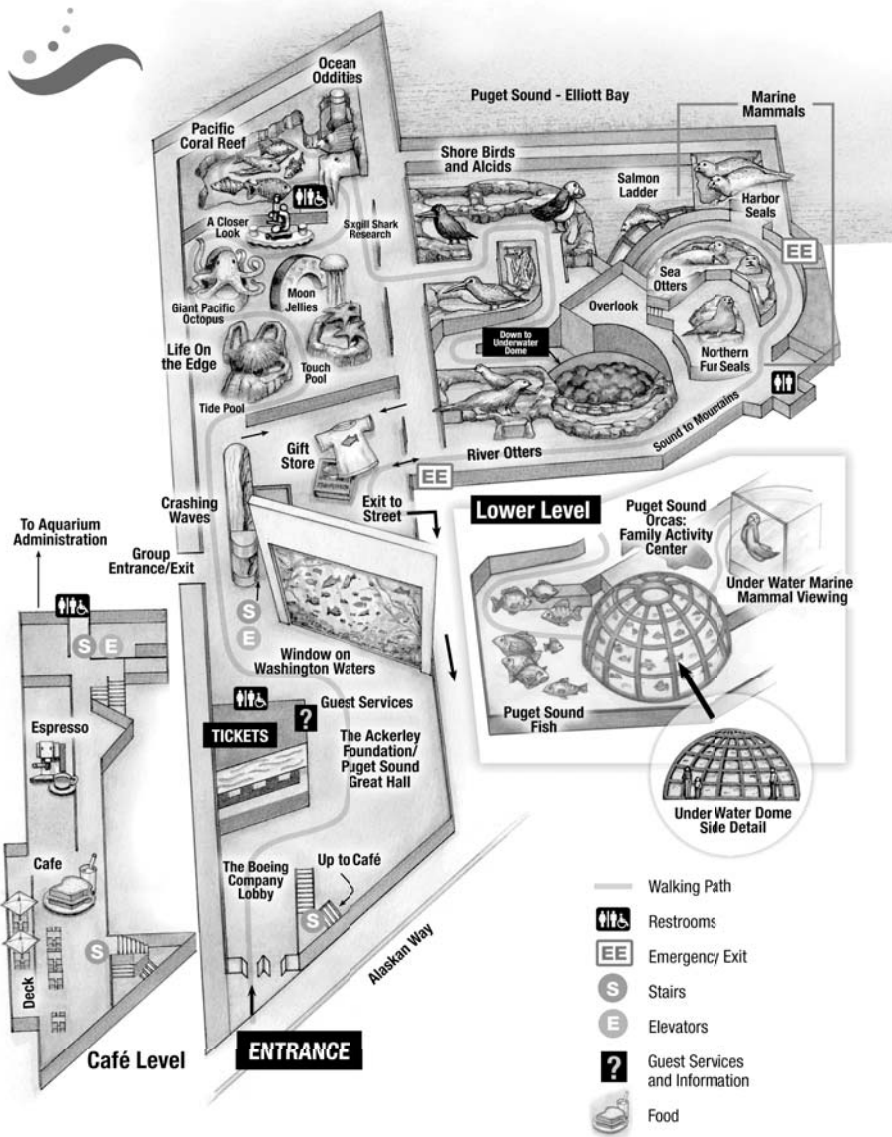


Draw your animal here

A large blank white rectangular area intended for drawing an animal.



Use this map to help you explore the Seattle Aquarium



Remember to stay with your group!

Be Gentle to the Beach — It's Our Home



Running feet can harm animals and destroy delicate habitat.

Picking up or rolling over rocks crushes animals and destroys habitat.



Taking rocks, wood or shells harms habitat by taking potential homes away from the beach.

Garbage left on the beach can entangle and kill animals.



Enjoy looking at the animals where you find them, and leave them where you find them.

Touch animals *gently* with one wet finger.

My Favorite Part of the Seattle Aquarium

Window on Washington Waters

You can use the Fish Finder touch screen to help you learn the names of the fish in this exhibit.

Find a fish that is as still as a rock.

.....

Name an animal that lives in a den.

.....

Name a fish that swims in schools.

Hint: Look toward the top of the exhibit.

.....

Find an animal that is orange.

How might this color help it survive?

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
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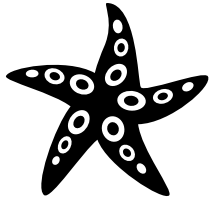
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 **Cool fact!** Did you know that this exhibit represents a popular SCUBA diving spot called Mushroom Rock, located west of Neah Bay on the outer coast of Washington?



Life on the Edge (Tidepool Exhibit)

Touch an animal in the pool (gently with one finger)! Which animal did you touch? What did it feel like?

.....
.....

Compare two different types of sea stars. Name two similarities. Name two differences.

SIMILARITIES		
	SEA STAR 1	SEA STAR 2
DIFFERENCES

How are the animals in the touch pool different from you? Discuss with a friend!

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Marine Mammals

A Look at Sea Otters and River Otters

What are the sea otters doing?

.....
.....

Sea otters eat sea urchins, and sea urchins eat kelp. Can you draw this food chain?

Find the river otters. Write down at least three ways they are different from sea otters.

.....
.....
.....

Did you know?
Sea otters eat a quarter of their body weight each day!
How much would you need to eat?

Marine Mammals

Family Activity Center

Find the orca dorsal fin.
How tall is it compared to you?

.....

.....

.....

Harbor seals and Northern fur seals

Use the “Discovery Zone: Seals, Satellites and Science” touch screens near the fur seals to “Meet Our Mammals.” Find and write down two characteristics of harbor seals and two of fur seals.

Harbor seals:

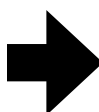
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Northern fur seals:

.....

.....



Cool fact!

How long can you hold your breath?
The harbor seal can stay under water for 20 minutes!

Life of a Drifter (Jellies)

Look at the moon jellies in the round exhibit.
Draw a moon jelly.

Find the tentacles on the jellies. What do you think they are used for?

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Need help
answering some
of the questions
in this book?
Ask someone
in a blue
Aquarium shirt!

Giant Pacific Octopus

Find the octopus ... How many suction cups does it have? Estimate!

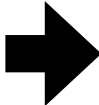
List two adaptations (body parts or behaviors) that help the octopus survive.

The **G**iant **P**acific **O**ctopus' nickname is G.P.O.
Write a song, rap, or poem about the G.P.O.



Draw the Underwater Dome!

Take a seat and draw what you see.
Do you see salmon? What other fish and invertebrates do you see?

 **Did you know?** The Underwater Dome demonstrates three different habitats: sandy bottom, rocky reef, and life under the pier.

Puget Sound Fish

Find a fish that uses camouflage. What colors or textures help it blend in to its surroundings?

.....
.....

Look for differences among the three habitats: eelgrass communities, sandy-cobble seafloor, and rocky areas. Write down two characteristics for each.

Eelgrass communities:

.....
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Sandy-cobble seafloor:

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Rocky areas:

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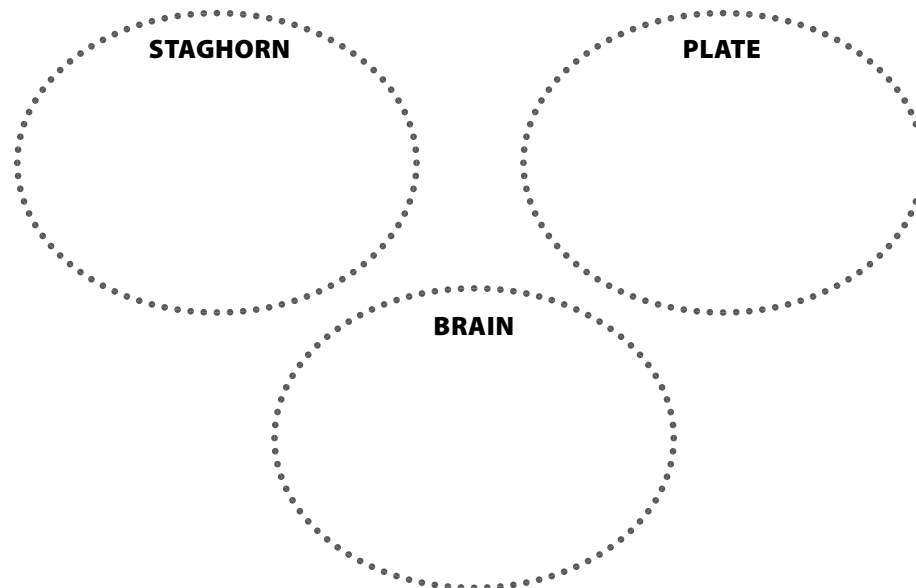
➡ Hmm? These fish have some funny names: Grunt sculpin, Pacific spiny lump sucker, decorated warbonnet. Can you find them all?

Pacific Coral Reef

Find a small fish that cleans other fish.

.....
Write name here

Draw a picture for each type of coral.



Ocean Oddities

Find a tank with a yellow fish that looks like a box with horns. If you could name this fish, what would you call it?

I would call this fish a(n)

The real name of this fish is the thornback cowfish.

➡ Try it! Can you say zooxanthellae (zoh-uh-zan-**thel**-ee)? They are tiny plants that live in coral.

Shorebirds

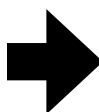
Can you find a bird with a curved bill? Why might these birds have differently shaped bills?

Find a bird that uses its bill to open limpets and mussels. Draw a picture of its bill.



Alcids (Diving Birds)

Name a diving bird that flies underwater.

 **Did you know:** Auklets have spines on the roof of their mouth that allow them to catch and carry several fish during a single dive.

Salmon

Look for the juvenile salmon. Do you know any cool facts about salmon? If not, use the signs to learn more! Can you find salmon in other exhibits?

Seafood Watch

Stop and Read

Our animals love seafood, do you? Find seafood that is rated:

“Best Choice”

“Good Alternative”

“Avoid”

