



You will need:

- Clipboard
- Pencil
- Major Fish Families of the GOT Guide
- Bony Fish Guide
- Tail Shape Guide

Giant Ocean Tank— Bony Fish Observation

The Giant Ocean Tank (GOT) is home to over 100 species of fishes. Take some time to focus on one particular fish to learn more about fish shapes, adaptations and senses. **Choose a fish to observe closely.** Try to choose a fish that stays in one place or that you see frequently.

Make a drawing of your fish and label as many parts as you can. Use the labeled diagram to help you do this. Some fish look very different from a “standard” fish, so pay close attention to where the fins are and how they are being used.

Notes on color, pattern, and behavior:

Now use the Major Fish of the GOT sheet to **ID your fish**. What family is it in?
If you can't find your fish on the sheet, try using the interactive FishID screens located around the GOT.

Observe the body shape of your fish. Using the body shape guide, name the shape.
What does this tell you about where the fish lives or how it behaves?

Observe the colors and patterns your fish has. Does it have any eye spots? Does it have bands or other "disruptive coloration"? Can you see its lateral line clearly? Does it have cryptic coloration? Use the camouflage page to help.

Use the Bony Fish Guide to **identify what mouth type** your fish has.
What does this tell you about what it eats?

Now use the Tail Shape Guide to **identify the tail shape** that your fish has.
What does this tell you about how it behaves or where it lives?