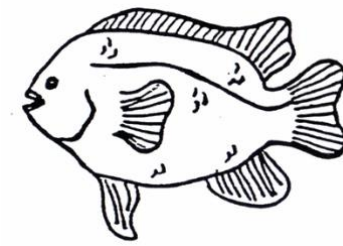




Cabrillo
Marine
Aquarium



Build a Fish

Materials: Glue or glue sticks, scissors, 4 red pipe cleaners (3-inches each), 3 toothpicks, 1 long balloon, 2 yarn (3-4 inches), heart-shaped foam (cut out from a sponge), oval-shaped foam (cut out from a sponge)

Directions:

1. Print of all three pages (Internal Fish, External Fish, External Parts) on cardstock and different colors if possible.
2. Cut pipe cleaners, yarn, and foam to appropriate lengths and shapes.
3. Cut out Internal Fish, External Fish, External Parts
4. Glue the internal organs on the "Internal Fish" in the appropriate places (use the diagram below for reference)
5. Glue the external parts on the appropriate places on the "External Fish"
6. Glue the top of the Internal and External Fish together for a "flip up" fish!

For the purposes of this lesson the following objects represent the various internal features.

Red pipe cleaners = gills (gill arches)

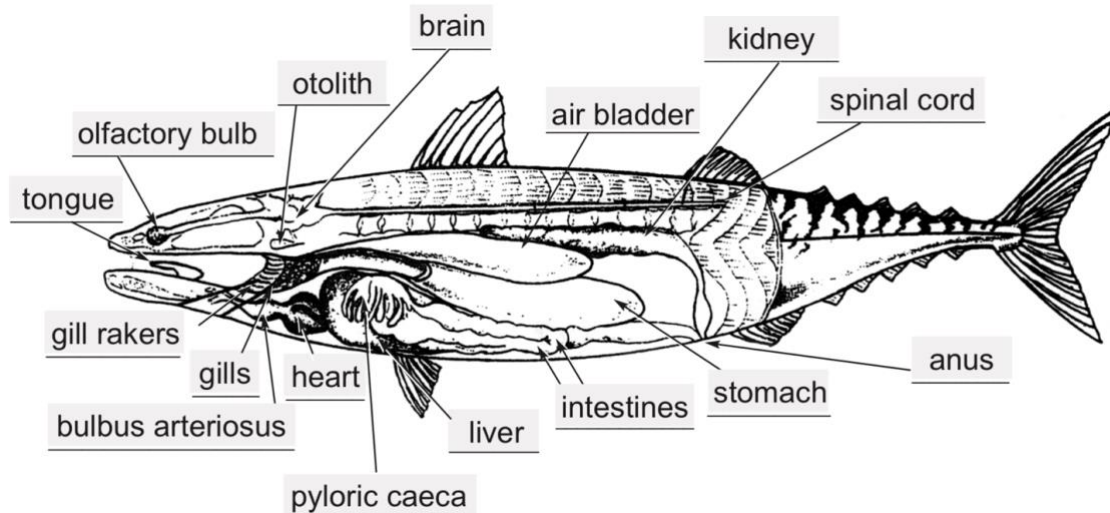
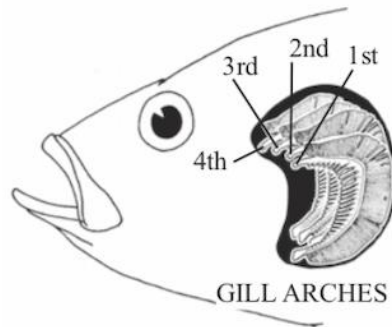
Heart-shaped foam = heart

Toothpicks = vertebrae

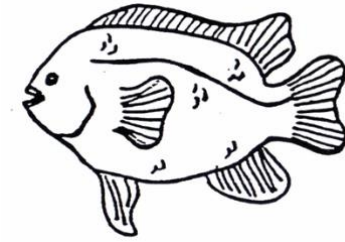
Long balloon = swim bladder

Oval-shaped foam = stomach

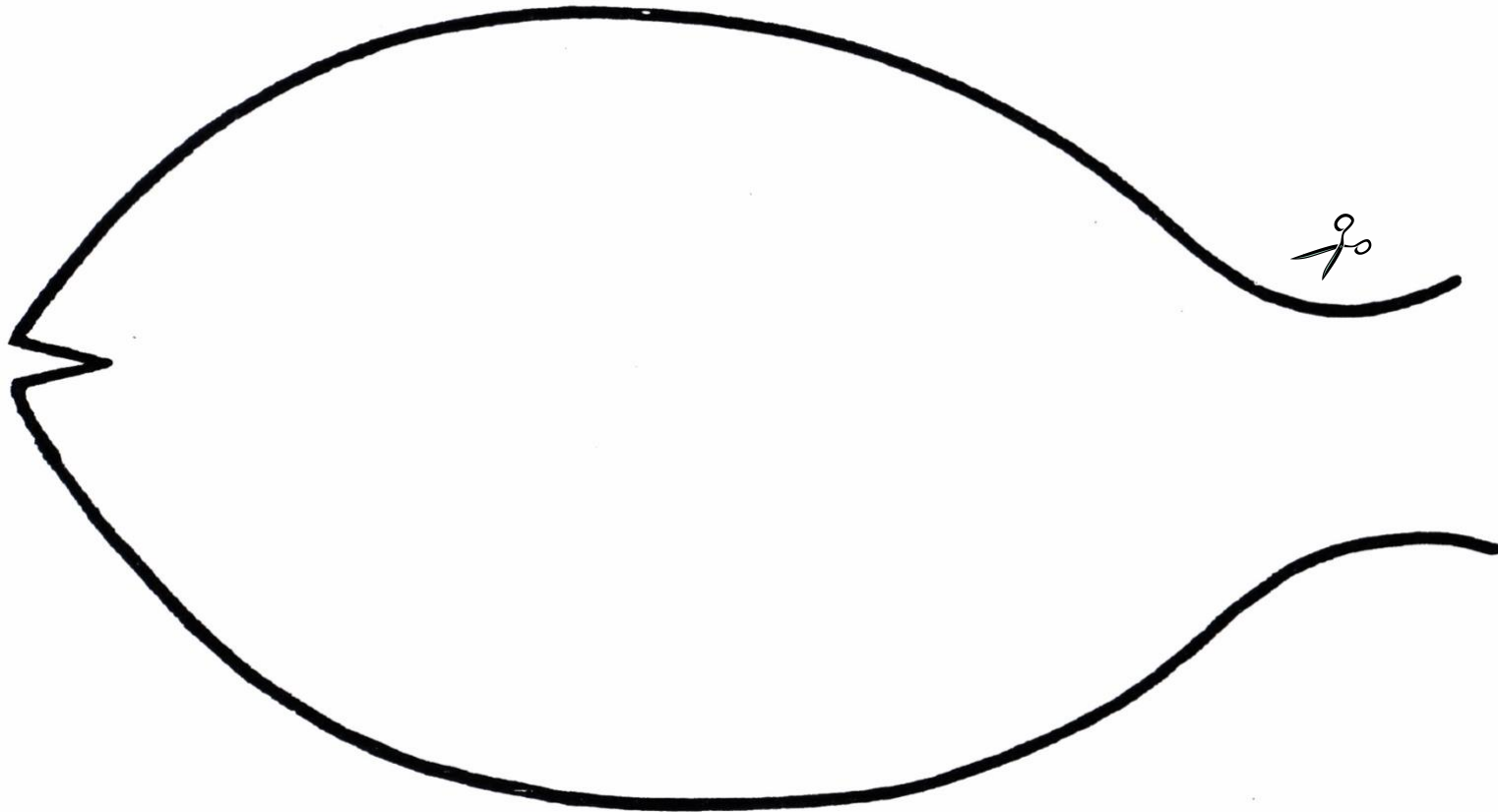
Yarn = intestine

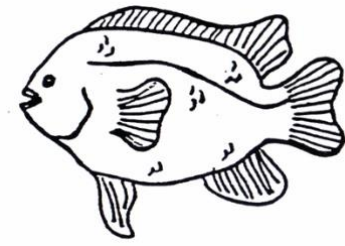


Internal Fish



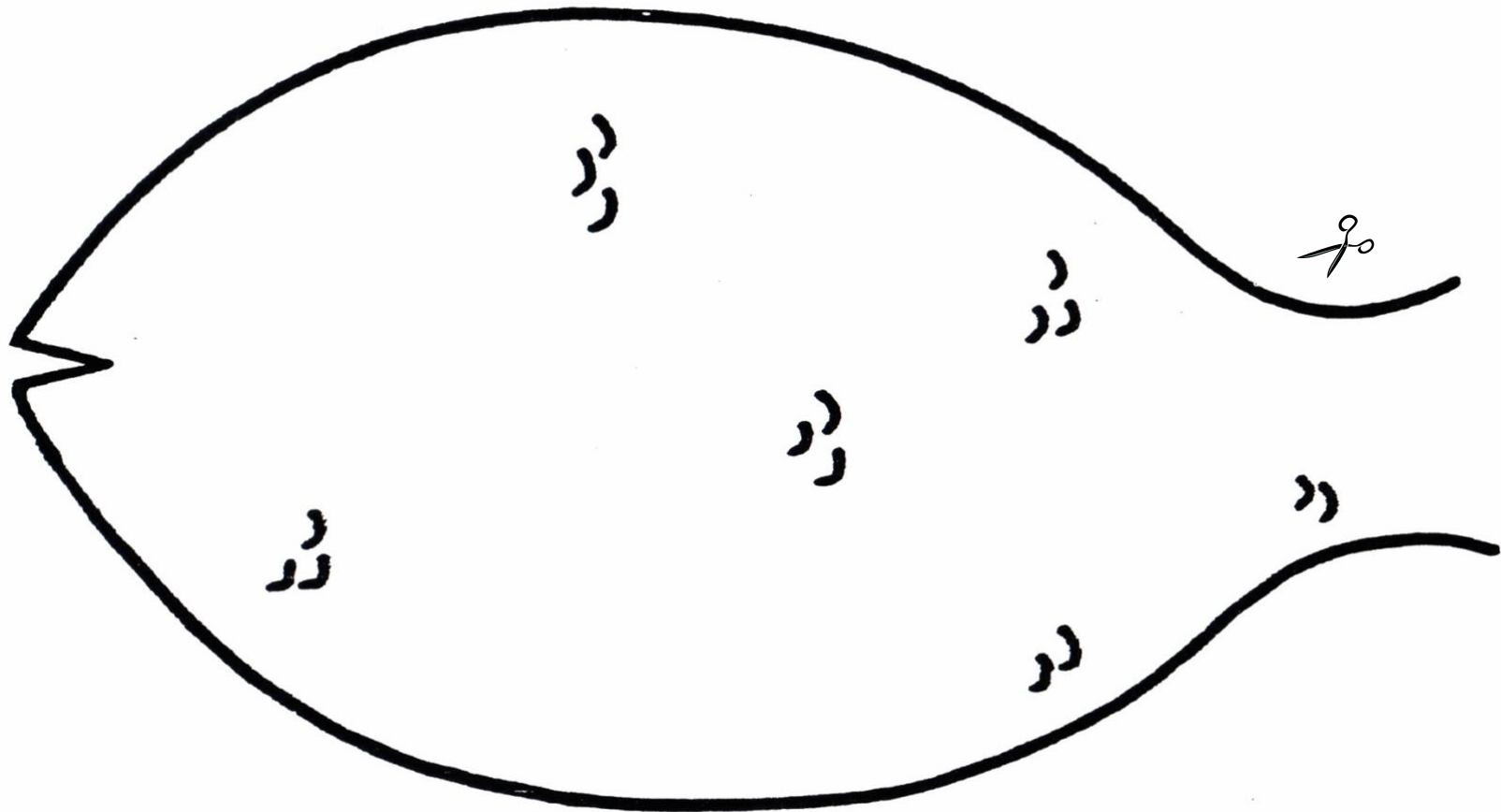
Cabrillo
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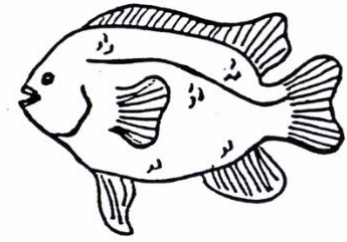
Cabrillo
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External Fish





Cabrillo
Marine
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External Parts

