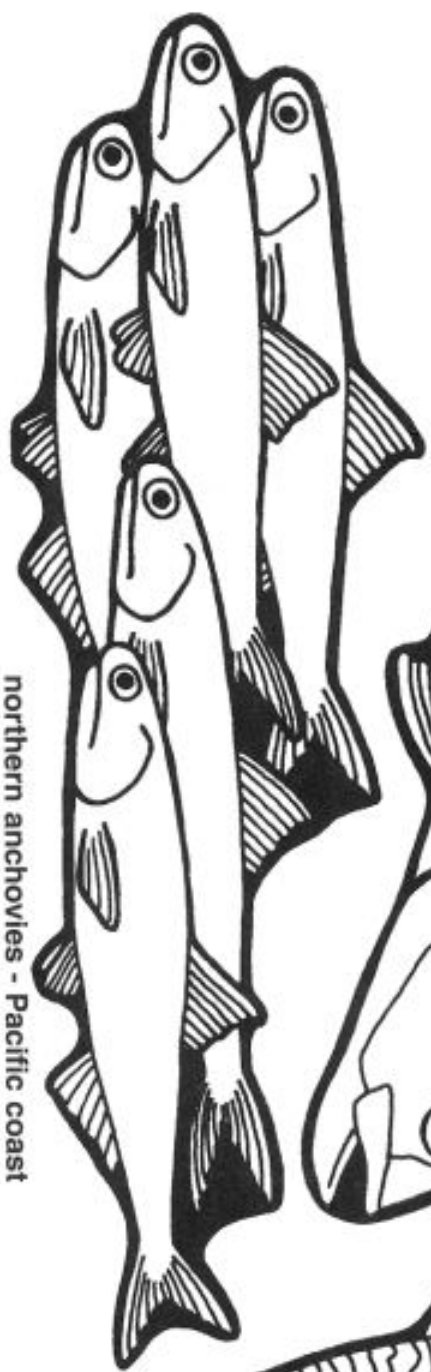


great white shark - worldwide distribution

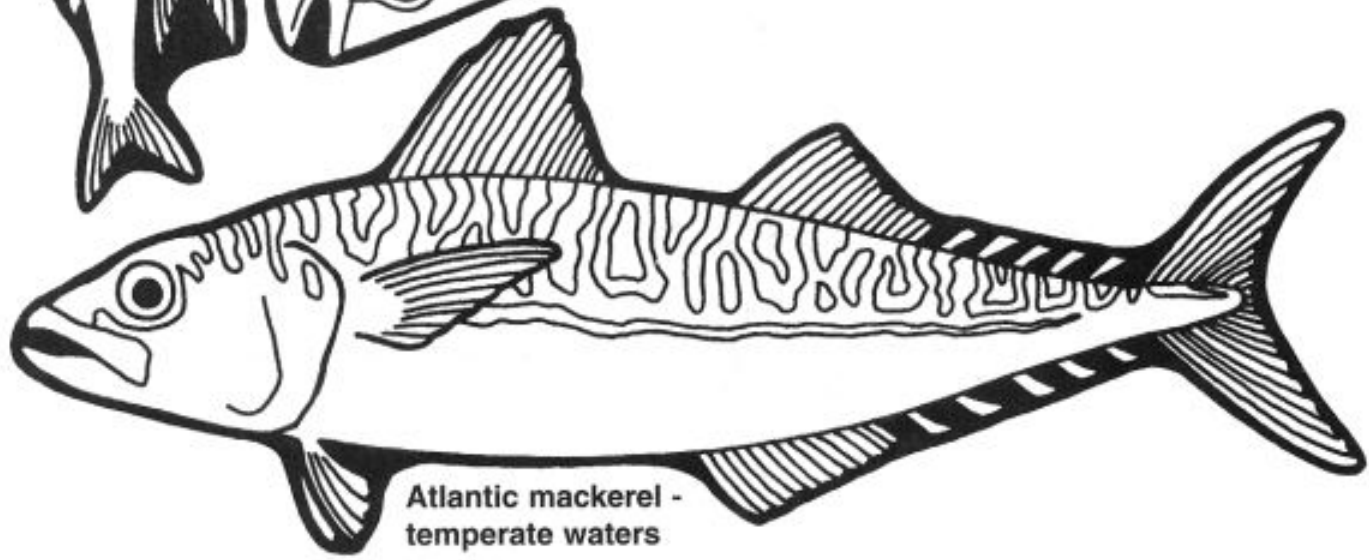
great white shark - worldwide distribution

This deadly shark is most dangerous to man. It ranges from 15 - 18 feet long and weighs up to 3 tons. The great white feeds on anything from sea turtles and dolphins to seals and even small boats. This carnivorous hunter even preys on other sharks with its large, sawtooth edged teeth. It not only found near the surface of the water but has been spotted at depths of 1000 meters.

northern anchovies - Pacific coast



Yellowfin tuna -
Atlantic/Pacific coasts



Atlantic mackerel -
temperate waters

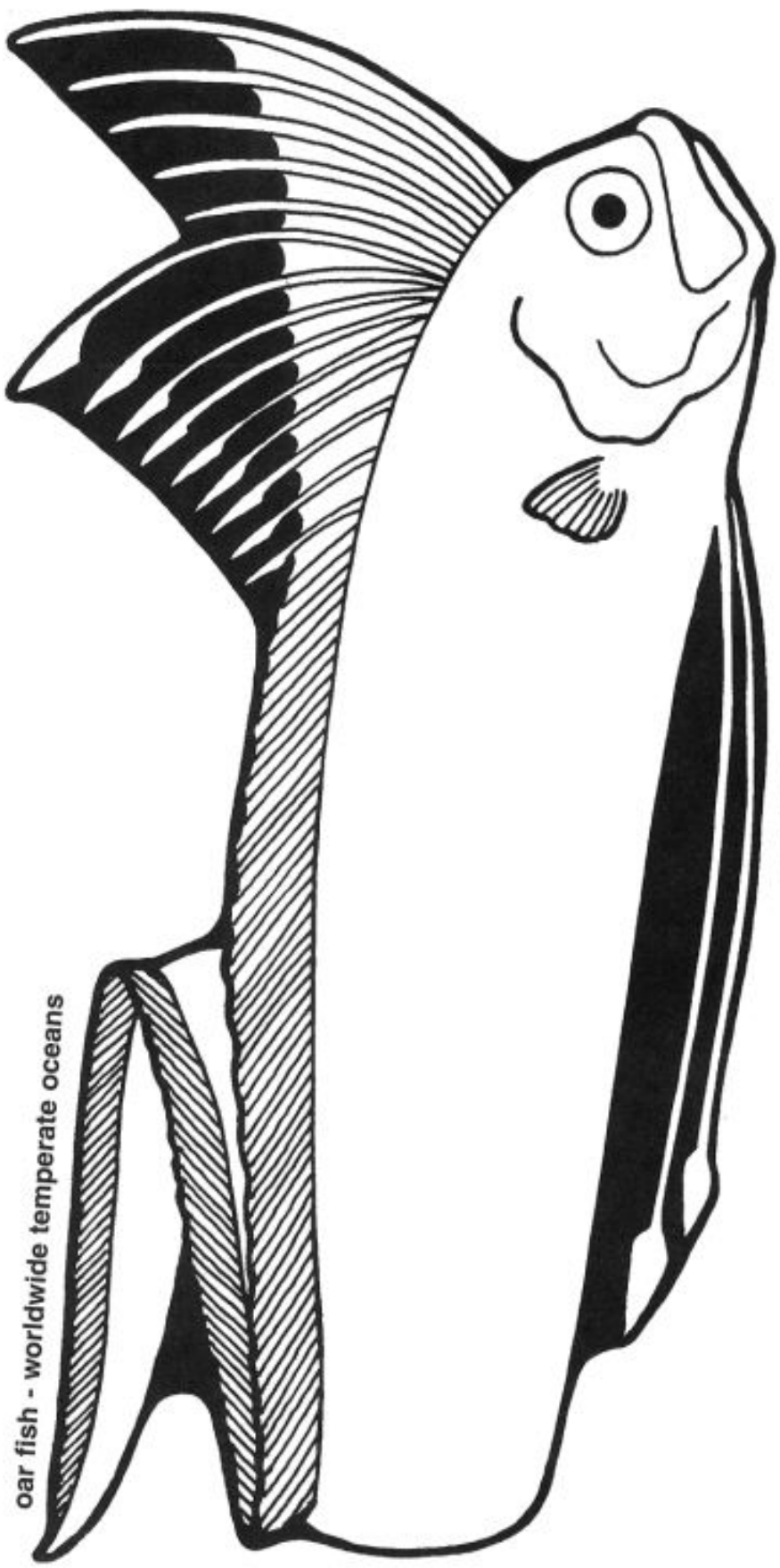
yellowfin tuna - Atlantic / Pacific coasts
The yellowfin tuna can average 50-100 lbs. They are unmistakable because of their yellow fins. This is the most valuable of all tunas, commercially, and a highly prized game fish as well.

northern anchovies - Pacific coast

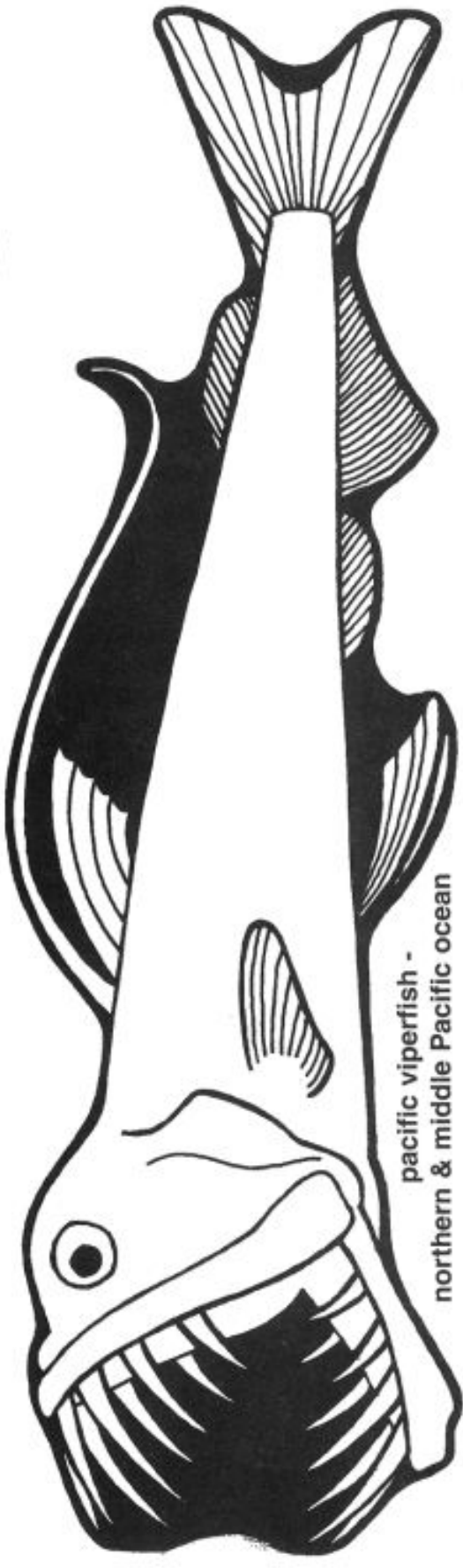
Measuring 9 inches long, these streamlined silver fish move in large schools up and down the Pacific coast. The anchovy spawns in winter and spring, rarely living longer than four years. It is an important part of the oceanic food chain as well as important commercially to humans.

atlantic mackerel - temperate waters

The average length of this mackerel is 22 inches. It is blue-green above and silvery below the lateral line. It travels in large shoals, feeding on crustaceans and small fish in summer and fall and zooplankton in the winter. It is an important commercial fish.



oar fish - worldwide temperate oceans



pacific viperfish - northern & middle Pacific ocean

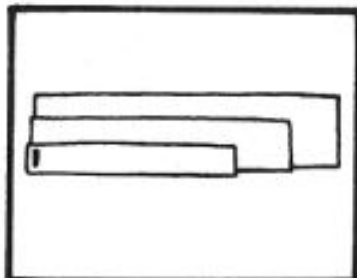
Reducing the patterns:

Many copiers now have a "reduce" function. The patterns can be reduced for minibooks, game cards, flannel boards, and more.



Reducing Patterns

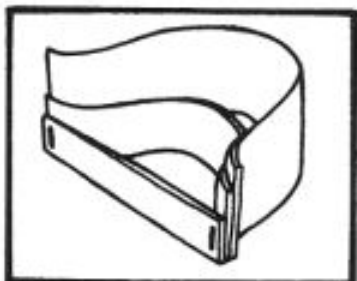
Making a Diorama



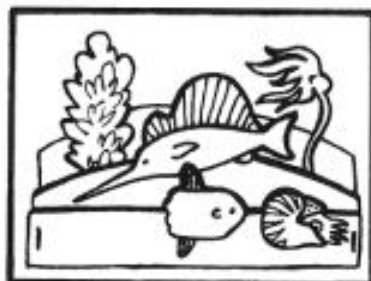
Diorama Step 2

1. Cut three strips of construction paper or tag board for each diorama. The first strip should be three inches wide and eighteen inches long. The second strip should be two inches wide and fifteen inches long. The third strip should be one inch wide and twelve inches long. *Larger dioramas can be made by lengthening each strip in proportion.
2. Match the left and bottom edges of the three strips and staple them together as shown in diorama step 2.
3. Bring the right edges to meet and staple them together. This will cause the middle and back strips to bow as shown in diorama step 3.
4. Cut out and color various animals. Arrange and glue them to the three strips as desired. One arrangement is shown in diorama step 4.

Option: Use a mural (like page 91) in place of the largest strip. Lengthen the other strips in proportion. See diorama step 5.



Diorama Step 3



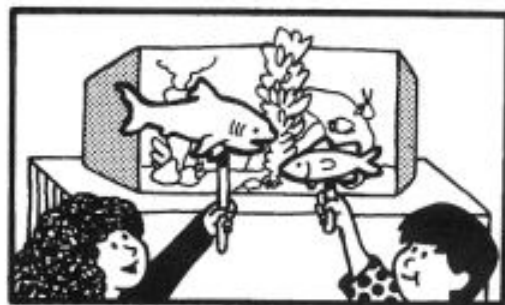
Diorama Step 4



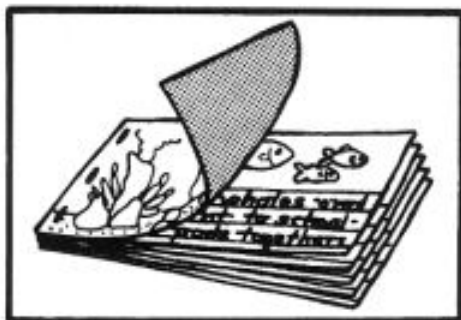
Diorama Step 5

Making Stick Puppets and a Mini-Theater

1. Reproduce, color, and cut out the animal patterns.
2. Attach each animal to a tongue depressor.
3. Reproduce, color, and cut out a mural (pages 91 or 93).
4. Glue the mural page to a piece of poster board. Attach a piece of plain poster board to each side of the mural at a right angle with masking tape. This should allow the mural to stand upright.



Animal Puppets



Fact or Fiction Book

Making a Large Fact or Fiction Book

1. Reproduce the mural on page 91 for each child, to be used as the cover of the book. Let the children color and decorate their covers.
2. Distribute three or four pieces of story book-style lined paper to each child.
3. The children can use patterns from this book or draw their own illustrations and create factual reports or fictional stories.
4. Let each child gather the pages for his story or report in order and place his cover on top. Assist each child in stapling the pages and cover

oartfish - world wide temperate oceans

The oartfish has a silvery body with a bright crimson dorsal fin. Despite its length of 2-22 feet, the oartfish has a very small mouth and no teeth. It feeds on small crustaceans. It lives anywhere from the surface to 3,000 feet below. Not much is really known of the oartfish since very few have ever been found.

pacific viperfish - northern and middle Pacific

This is one of the scarier looking fish because of the long spike teeth that protrude from its mouth. It can be 6-10 inches long but only weighs 1 ounce. It is found up to 5,000 feet below the surface where it feeds on small fish, shrimp and squid.