

4th experiment: Dissect a fish

We share a sea. Diet for a clean Baltic

In *We share a sea* the children get fish to take home from their visit to the fisherman, Poul Elo. If you visit a fisherman or a fishing port, you might also get fish to take home to eat or for your studies. If you do not go on a field trip, you can buy fish at the fishmonger. Remember, the guts should not be removed. You may for instance use a herring.

This is what you need:

- A raw fish with guts
- A plastic tray
- A pair of scissors
- A sharp knife or scalpel
- Water for rinsing

This is what you do:

1. Examine the fish on the outside and draw a precise picture of it.
2. Make sure to include the details on your drawing. You may use a text book to identify tail, fins, head, eyes, nostrils, etc. Write down the names in the drawing.
3. Examine the fish's gills.
4. Place the fish in a plastic tray and carefully slit its belly up from anus to mouth. Look at the organs. Use a textbook or go online, and identify the bowel, anus, stomach, heart, gills, brain, bladders, etc.
5. Draw the fish again - but now show how it looks inside. Write the names of the organs in the drawing.

Questions:

- What do fish use gills for?
- Why is it important that there is oxygen in the water?
- What is the relationship between nutrients, algae and oxygen in seawater?