

**The Education Program at the
New Jersey Sea Grant Consortium**

22 Magruder Road Fort Hancock, NJ 07732 732-872-1300 njseagrants.org



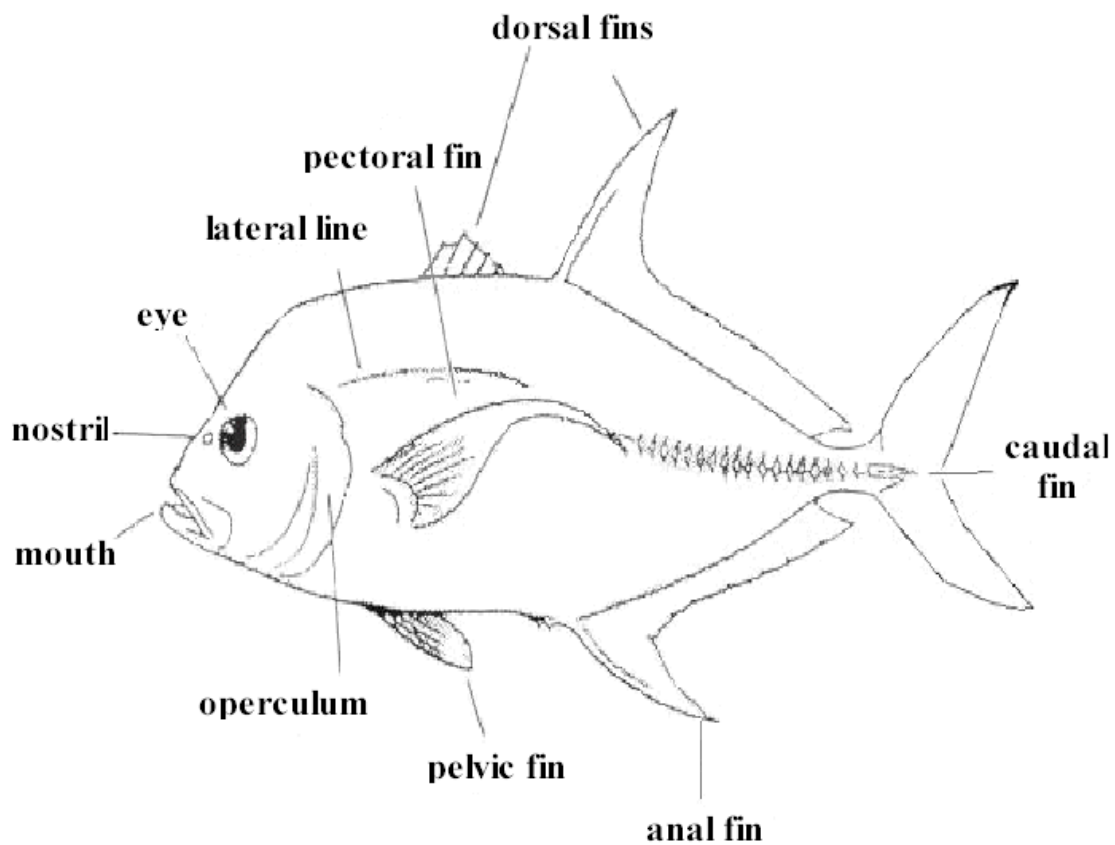
FISH MORPHOLOGY – STUDENT ACTIVITY 2

Study the fish anatomy diagram (Class Osteichthyes), and answer the following questions.

1. What part of the fish is used to propel through the water?
2. Which fins give the fish stability and keep it from rolling over?
3. Which fins are used as the fish's 'brakes'?
4. Which fins help the fish move backwards and up and down in the water?
5. Which fin helps the fish steer?
6. Which part of the fish protects the gills?
7. Why is it that fish swimming together in a school never run into each other?

FISH MORPHOLOGY – STUDENT ACTIVITY 2

FISH ANATOMY



CLASS OSTEICHTHYES

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FISH MORPHOLOGY – STUDENT ACTIVITY 2 -ANSWERS

1. The caudal fin.

2. The dorsal fins and anal fin.

3. The pectoral fin and pelvic fin.

4. The pectoral fin and pelvic fin.

5. The caudal fin.

6. The operculum.

7. The lateral line allows the fish to sense changes in the pressure of the surrounding water and alert them to movement such as another fish turning.