Marine Fishes Test Review

What are the three classes of fish? Major physical characteristics?

1.

2

3

Be able to compare and contrast the two major classes that we covered, and list example specimens of each.

Know the adaptive body styles, fin and mouth positions, and coloration patterns that fish have and why these give them advantages for survival. (Build-a-fish website)

Anatomy: Be able to identify, on an actual fish, the major external physical structures on both cartilaginous and bony fishes:

Mouth

Opercula

Gills

All fins and where they are located

Lateral line

Spiracles

Physiology:

Know how gills work

swim bladder vs. oil for buoyancy

how swimming works

Behavior:

Schooling vs shoaling

Words to know:

cartilage

placoid scale

heterocercal

homocercal

dorsal (surface)

ventral

anterior

posterior

demersal

ctenoid scales

caudal