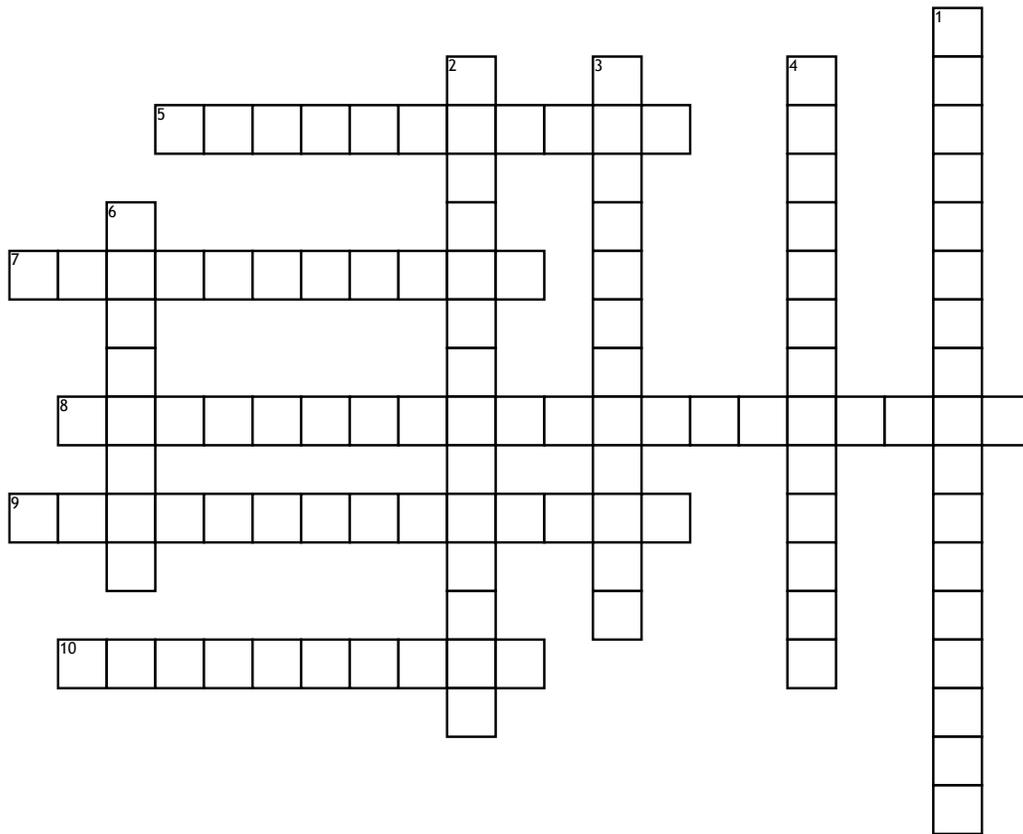


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Biology of Fishes Crossword Activity



## Across

5. A process in living organisms involving the production of energy, typically with the intake of oxygen and the release of carbon dioxide from the oxidation of complex organic substances.
7. Pigment cells that reflect light using plates of crystalline chromatophores made from guanine
8. Bright colors predators use to advertise to predators that they are too venomous or spiny to be worth eating.
9. The maintenance of constant osmotic pressure in the fluids of an organism by the control of water and salt concentrations.
10. Movement or the ability to move from one place to another.

## Word Bank

Poster colors  
Locomotion  
Ram ventilation  
Respiration

Gill pump  
Aposematic coloration  
Iridophores

Cryptic coloration  
Osmoregulation  
Gill filaments

## Down

1. Coloring that conceals or disguises an animal's shape.
2. The production of respiratory flow in some fish in which the mouth is opened during swimming, such that water flows through the mouth and across the gills.
3. Bright showy color patterns that may advertise territory ownership, aid foraging individuals to keep in contact, or be important in sexual displays.
4. Complex structures that help transfer of ions and water, as well as the exchange of oxygen, carbon dioxide, acids and ammonia.
6. The respiratory organ of aquatic animals, as fish, that breathe oxygen dissolved in water.