Mollusks

Domain: Eukaryote
Kingdom: Animalia
Phylum: Mollusca

Class: Gastropoda
  ID: snails, slugs, whelks, limpets

Class: Bivalvia
  ID: clams, mussels, oysters, scallops

Class: Polyplacophora
  ID: chiton

Class: Scaphopoda
  ID: tooth or tusk shell

Class: Cephalopoda
  ID: squids, cuttlefish, nautilus, octopus

Important:

**Habitat** – aquatic

**Coelom** - Eucoelomate

**Symmetry / Body Plan** - Bilaterally symmetrical

**Cellular Organization** - Exhibit cephalization

**Reproduction** - Dioecious

**Digestion** – complete digestive system

**Circulation** – Open circulatory system
  - Specialized structure - Siphon

**Nervous system** – lack of cephalization

**Key characteristics / special adaptations / unique feature**

- Protostomes
- Stationary filter feeders (Bivalves).
- Labial palps
- 4 major morphological features:
  - a Valve (shell) for protection.
  - A mantle
  - A visceral mass (houses internal organs)
  - A foot (for locomotion), sometimes modified into tentacles.