

## 2.D.2.B-Organisms have various mechanisms for obtaining nutrients and eliminating wastes

Process	Mechanism	Examples of Organisms	Diagrams (with Labels)	Explanation of Key Structures and Process
Gas Exchange	In Aquatic Plants			
	In Terrestrial Plants			
Digestion	Food Vacuoles			
	Gastrovascular Cavities			
	One-way Digestive System			
Respiratory System	Aquatic Animals			
	Terrestrial Animals			
Nitrogen Production and Elimination	Aquatic Animals			
	Terrestrial Animals			

2.D.2.C- Homeostatic control systems in species of microbes, plants and animals support common ancestry

Process	Organisms	Diagrams (with Labels)	Explanation of Key Structures and Process
Excretory System	Flatworms		
	Earthworms		
	Vertebrates		
Osmoregulation	Bacteria		
	Protists		
	Fish		
Osmoregulation	Aquatic Plants		
	Terrestrial Plants		
Circulatory System	Fish		
	Amphibians		
	Mammals		
Thermoregulation	Aquatic Animals		
	Terrestrial Animals		