There are six important function to tissues and organs:

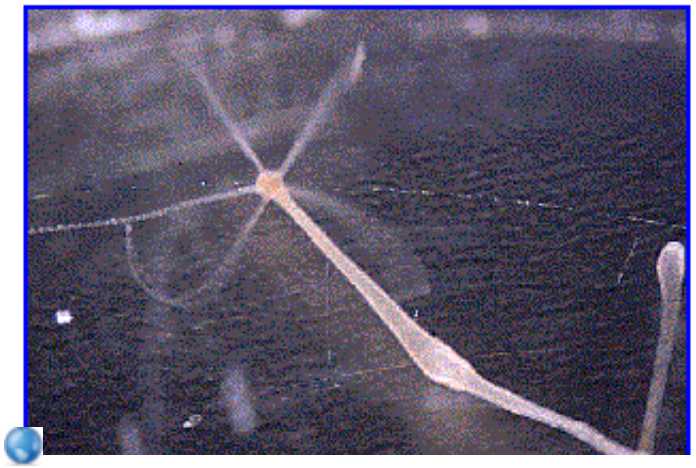
digestion
respiration
circulation
conduction of nerve impulses
support
excretion

Digestion

Single cell organisms digest their food _____ their cells.

Other animals use digestive enzymes _____ of their cells.

Gastrovascular cavity-
a digestive cavity with _____ opening.



http://www.ucmp.berkeley.edu/cnidaria/hydrozoa.html

Other animals have a digestive tract with _____ openings (_____ and anus)

This system allows for _____.

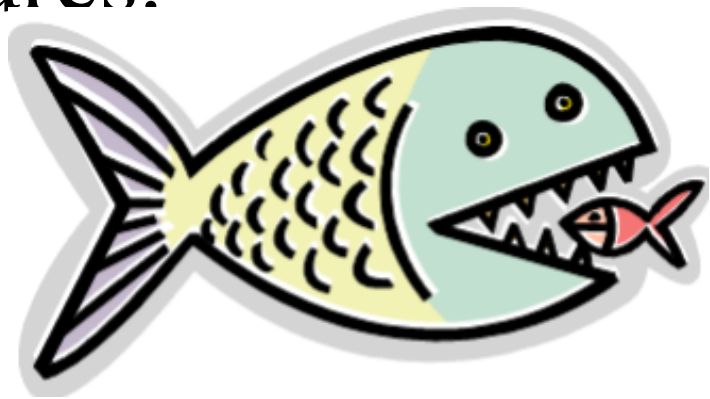
Respiration

Respiration is the uptake of _____ and the release of _____ _____.

It can only take place across a _____ surface.

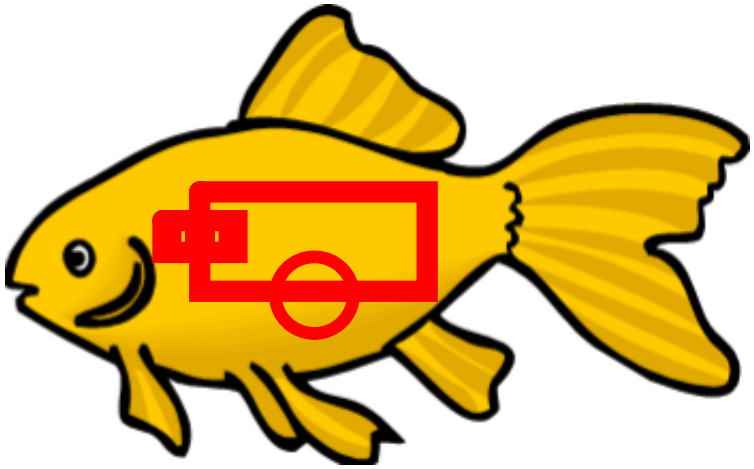
Simple animals use _____

Complex animals have specific _____ structures.



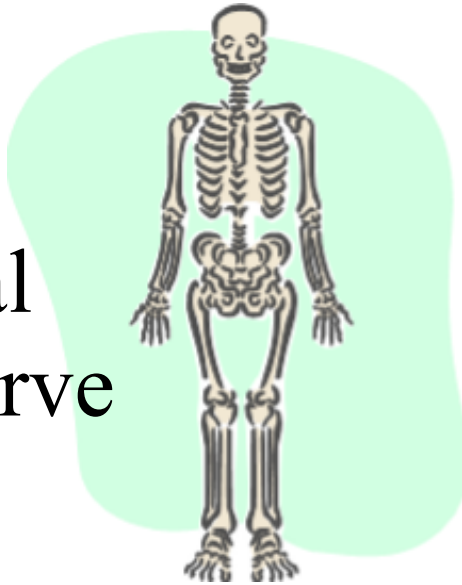
Circulation

_____ circulatory system



_____ circulatory syste

Conduction of nerve impulses



Members of all the major animal phyla except _____ have nerve cells.

Nerve net- all cells are similar and _____ together

Cephalization-anterior concentration of sensory structures and nerves

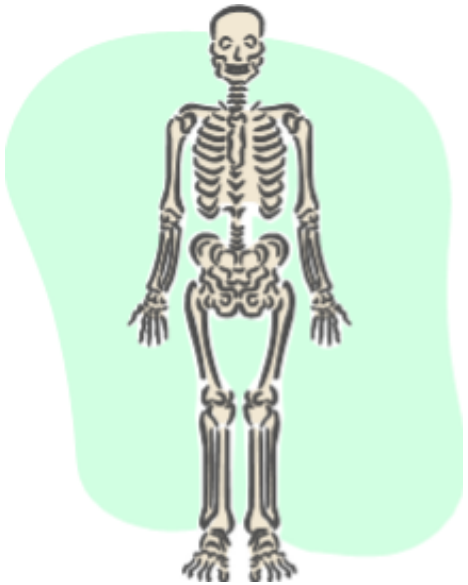
Support

Hydrostatic skeleton- water that is contained under pressure in a closed cavity. _____

Exoskeleton-a rigid external skeleton

_____

Endoskelton- hard material within the animal _____

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Excretion

Removal of wastes produced by cellular metabolism