

# Animal Structure Concept Map: Terms

## General

- adherins & integrins
- anchoring junctions
- cells
- communication
- Extracellular matrix (ECM)
- gap junctions
- glycocalyx
- interlaced cells
- joined together
- membrane proteins
- organ
- organ system
- prevents leakage
- seals
- special connections
- sticky surfaces
- tight junctions
- weaving
- welds

## Section 1

- neurons
- nervous tissue
- transmit stimuli & info
- cell body
- axon
- dendrite

## Section 2

- absorption
- barrier
- basal lamina
- diffusion
- Epithelial tissue
- Extracellular matrix
- functions
- line cavities
- lubricant
- one side attached
- one side free/exposed
- other cells/tissues
- outside body
- polarity
- protection
- secretion
- simple or stratified
- support
- transport

## Section 3

- adipose
- attach epithelium to tissue beneath
- binds, unites, connects
- blood
- carbohydrates
- cartilage
- cells
- cells
- collagen
- collagen fibers in rubbery ground substance
- connective tissue
- cushioning
- elastin
- energy reserves
- extracellular matrix
- fat
- fibers
- functions
- insulation
- kidneys, heart, under skin
- liquid matrix
- loose

## Section 4

- Bundles
- Cardiac
- Cells
- Cells
- Contractile
- Excitable
- Long
- Muscle fibers
- Muscle tissue
- Skeletal
- Smooth
- Three types