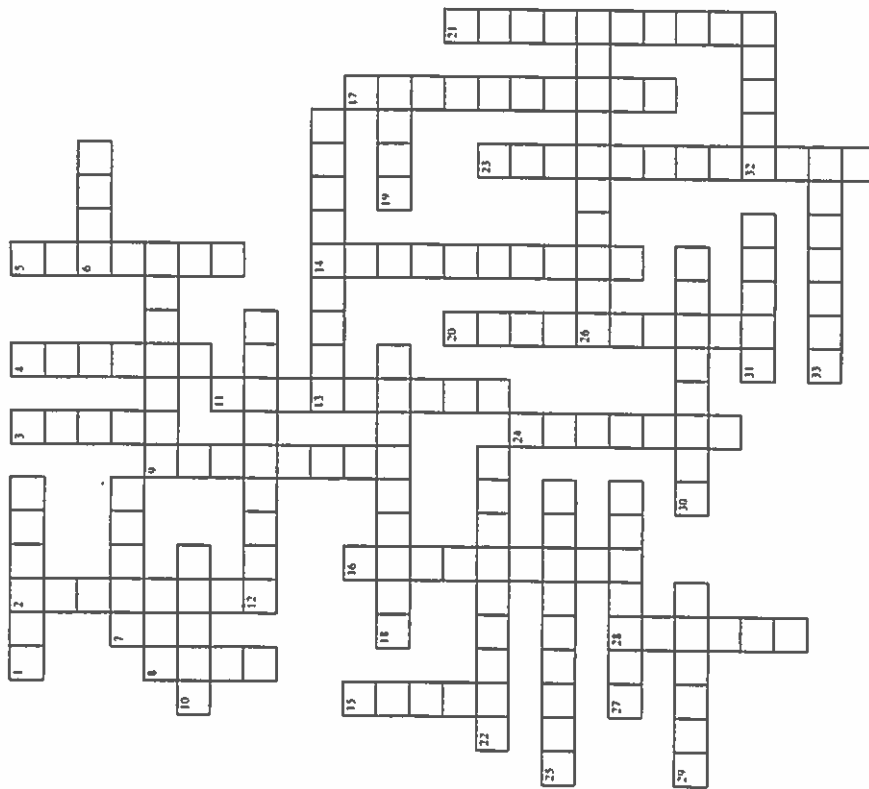


# Animal Systems



## ACROSS

- 1 A collection of similar cells that perform a function.
- 6 Send electrical signals to another nerve.
- 7 Circulates through your entire body.
- 9 Contains cells that produce digestive enzymes and acids.
- 10 Starts the process of breaking down food.
- 12 Hold bones together.
- 13 Connects your mouth to your stomach.
- 18 Help with blood clotting.
- 19 Carries blood toward the heart.
- 22 A flexible cushion for bones.
- 25 A large sheet of muscle underneath the lungs.
- 26 A type of tissue that protects.
- 27 Also called the throat.
- 29 A type of muscle tissue that contracts involuntarily.
- 30 Receive electrical signals.
- 31 A type of tissue made up of neurons working together.
- 33 Where gas exchange takes place between air and blood.

## DOWN

- 2 A type of muscle tissue that must contract voluntarily.
- 3 Pumps blood.
- 4 A liquid which carries blood cells.
- 5 Also called the windpipe.
- 8 The hard dense part of the musculoskeletal system.
- 9 A type of cell that can differentiate.
- 11 Contains cells that produce mucus.
- 14 A protein which carries oxygen.
- 15 Help move mucus and filter material.
- 16 Tiny vessels that allow diffusion.
- 17 Breathing in.
- 20 A type of tissue that supports.
- 21 Breathing out.
- 23 An infectious disease that enters your body through breathing.
- 24 Attach muscle to bones.
- 28 Carries blood away from the heart.