Across
3. Part of the limbic system involved in regulating fear and rage
5. natural opiate-like neurotransmitters linked to pain control and pleasure.
10. the division of the nervous system that connects the brain and spinal cord to the body's sense receptors, muscles, and glands.
14. division of the peripheral nervous system that controls the glands and muscles of internal organs
15. Amplified recording of the waves of electrical activity of the brain
16. Large band of neural fibers that links the right and left hemispheres
19. situated between the frontal and occipital lobes, these lobes contain the sensory cortex.
21. "glue cells"
23. Located at the back of the frontal lobe, the part of the cortex that controls voluntary movement
26. Neural impulse generated by the movement of atoms through the neuron.
28. Destruction of tissue
29. The brain and spinal cord make up the ______________ nervous e system

Down
1. doughnut-shaped neural system that regulates emotion and drives
2. Limbic system structure that regulates hunger, thirst, and body temp.
4. located just behind the forehead, these lobes are involved in speaking, muscle movements and in making plans and judgments.
6. neurotransmitter that triggers muscle contractions
7. The thin outer covering of the cerebral hemispheres.
8. Located on the sides of the brain, these lobes contain the auditory areas.
9. the body's slower chemical communication system
11. Located at the back and base of the brain, these lobes contain the visual cortex.
12. Simple, automatic, inborn response to a sensory stimulus
13. located in the brainstem, this structure controls breathing and heartbeat
17. Technique that uses magnetic fields and radio waves to produce computer-generated images of the brain
18. an impairment of language as a result of damage to the association areas.
20. Glands that produce the hormones epinephrine and norepinephrine
22. A series of X-ray's of the brain
24. Junction between the axon tip of the sending neuron and the dendrite or cell body of the receiving neuron.
25. Extension of a neuron that sends impulses to other nerve cells, muscles or glands.
27. Technique that measures the levels of activity of glucose consumption in the brain.