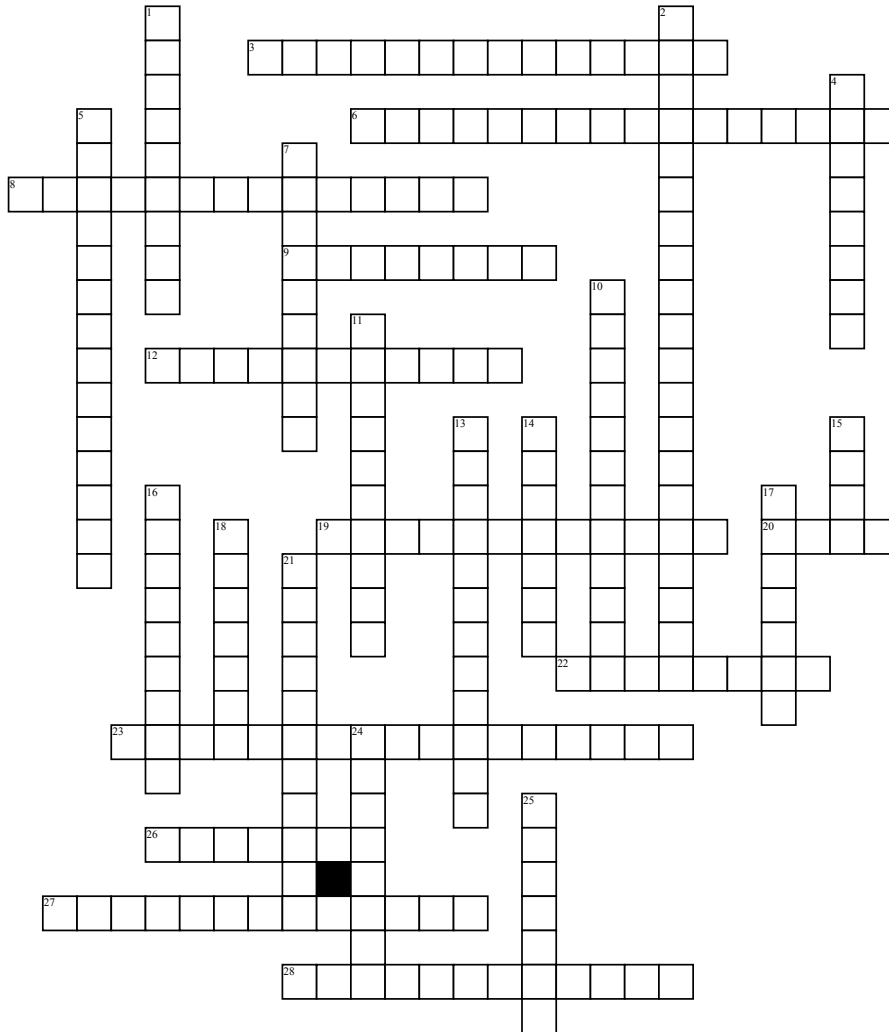


Addiction In The Brain



Across

- 3. Largest part of the brain (Brain Parts Fact Sheet)
- 6. Long term use of marijuana can cause permanent memory loss and _____. (Marijuana Fact Sheet)
- 8. Neurons that send information from sensory organs to the central nervous system. (Neurotransmission Scavenger Hunt)
- 9. When a person stops using cocaine, _____ levels decrease. (Heroin and Cocaine Fact Sheet)
- 12. Responsible for initiating and coordinating motor movements and higher cognitive skills like problem solving and thinking. (Brain Parts Fact Sheet)
- 19. In charge of making sense of the information you hear. (Brain Parts Fact Sheet)
- 20. Contain the fibers that connect the cerebral cortex with the cerebellum and spinal cord. (Brain Parts Fact Sheet)
- 22. Is in charge of the neuron's activities. (Neurotransmission Fact Sheet)
- 23. Step 1: A message travels from the dendrites through the cell body and to the end of the axon. (Neurotransmission Fact Sheet)

- 26. Prevents the normal reabsorption of dopamine during neurotransmission. (Heroin and Cocaine Fact Sheet)
 - 27. Covers the axon to protect it and help messages travel faster and easier. (Neurotransmission Fact Sheet)
 - 28. Neurons that send information from the central nervous system to muscles or glands. (Neurotransmission Scavenger Hunt)
- Down**
- 1. In 1921, this man discovered neurotransmitters during an experiment with two frog hearts. (Neurotransmission Scavenger Hunt)
 - 2. Active ingredient in marijuana. (Marijuana Fact Sheet)
 - 4. Plays an important role in emotional behavior. (Brain Parts Fact Sheet)
 - 5. Number of neurons in the brain is about _____. (Two words, spell out, Neurotransmission Scavenger Hunt)
 - 7. Receive messages from other neurons. (Neurotransmission Fact Sheet)
 - 10. Processes sensory information from the whole body. (Brain Parts Fact Sheet)
 - 11. Brain cells that do many important things that help neurons. (Neurotransmission Scavenger Hunt)
 - 13. Controls body temperature, hunger, and thirst. (Brain Parts Fact Sheet)
 - 14. Space between the dendrites of one neuron and the axon of another neuron. (Neurotransmission Scavenger Hunt)
 - 15. Sends messages from the cell body to the dendrites of other neurons. (Neurotransmission Fact Sheet)
 - 16. Brain's most primitive part (Brain Parts Fact Sheet)
 - 17. Prescribed for pain. (Prescription Drugs, Inhalants, and the Brain Fact Sheet)
 - 18. The amount of tar, carbon monoxide, and cancer-causing chemicals can be _____ in marijuana smoke than in tobacco smoke. (Marijuana Fact Sheet)
 - 21. Poisons that affect neurotransmission. (Neurotransmission Scavenger Hunt)
 - 24. Another name for sensory neurons (Neurotransmission Scavenger Hunt)
 - 25. Stores genetic material in neuron (Neurotransmission Scavenger Hunt)

Word Bank

- | | | | |
|----------------|----------------------|------------------|-------------------|
| PARIETALLOBE | TETRAHYDROCANNABINOL | AMYGDALA | GLIALCELLS |
| DOPAMINE | SYNAPSE | BRAINSTEM | SENSORYNEURONS |
| COCAINE | PONS | FRONTALLOBE | NEUROTOXINS |
| CEREBRALCORTEX | MYELINESHEATH | OTTOLOEWI | CELLBODY |
| GREATER | TEMPORALLOBE | LEARNINGPROBLEMS | AXON |
| NUCLEUS | DENDRITES | OPIOIDS | NEUROTRANSMISSION |
| HYPOTHALAMUS | AFFERENT | MOTORNEURONS | HUNDREDBILLION |