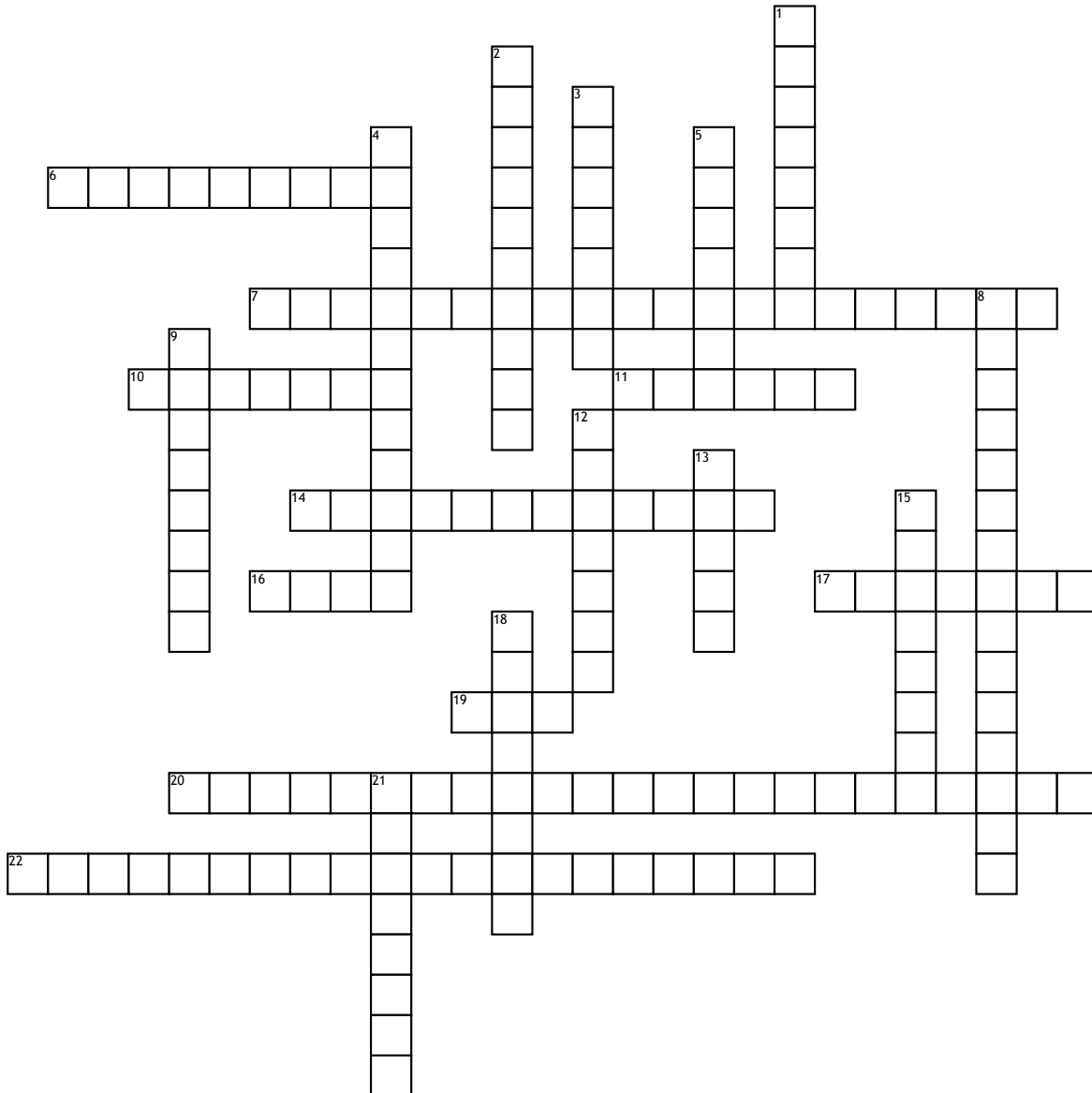


# Biology and Behavior



**Across**

- 6. The growth hormone that regulates the growth of muscles, bones, and glands. It is also known as the “master gland”
- 7. consists of the brain and spinal cord
- 10. Involved in vital functions such as heart rate, blood pressure, and breathing
- 11. Produces the male sex hormone, testosterone
- 14. Located in the forebrain - learning memory, emotion, hunger, sex and aggression
- 16. Regulates body movement, attention, sleep, and alertness
- 17. Produces adrenaline and noradrenalin

- 19. Located in the midbrain - affected when drugs are taken
  - 20. made up of nerve cells that send messages between CNS and all the parts of the body
  - 22. transmits sensory messages to the central nervous system (activated by touch, pain, etc.)
- Down**
- 1. Produces the hormone insulin and secretes it into the bloodstream, where it regulates the body's glucose or sugar level
  - 2. Known as the little brain, it controls balance and coordination
  - 3. Produces the female sex hormone, estrogen and progesterone

- 4. Tiny but extremely important, located in the forebrain underneath the thalamus - involved in aspects of behavior and psychological functions
- 5. nerve cells
- 8. Consists of glands that secrete substances
- 9. Makes up 70% of the weight of the brain - its surface is wrinkled and has ridges
- 12. Produces thyroxin which affects a person's metabolism
- 13. building blocks of heredity
- 15. the transmission of characteristics from parents to offsprings
- 18. “The inner chamber”, it relays sensory information
- 21. Substances that are secreted into the bloodstream for several different reasons