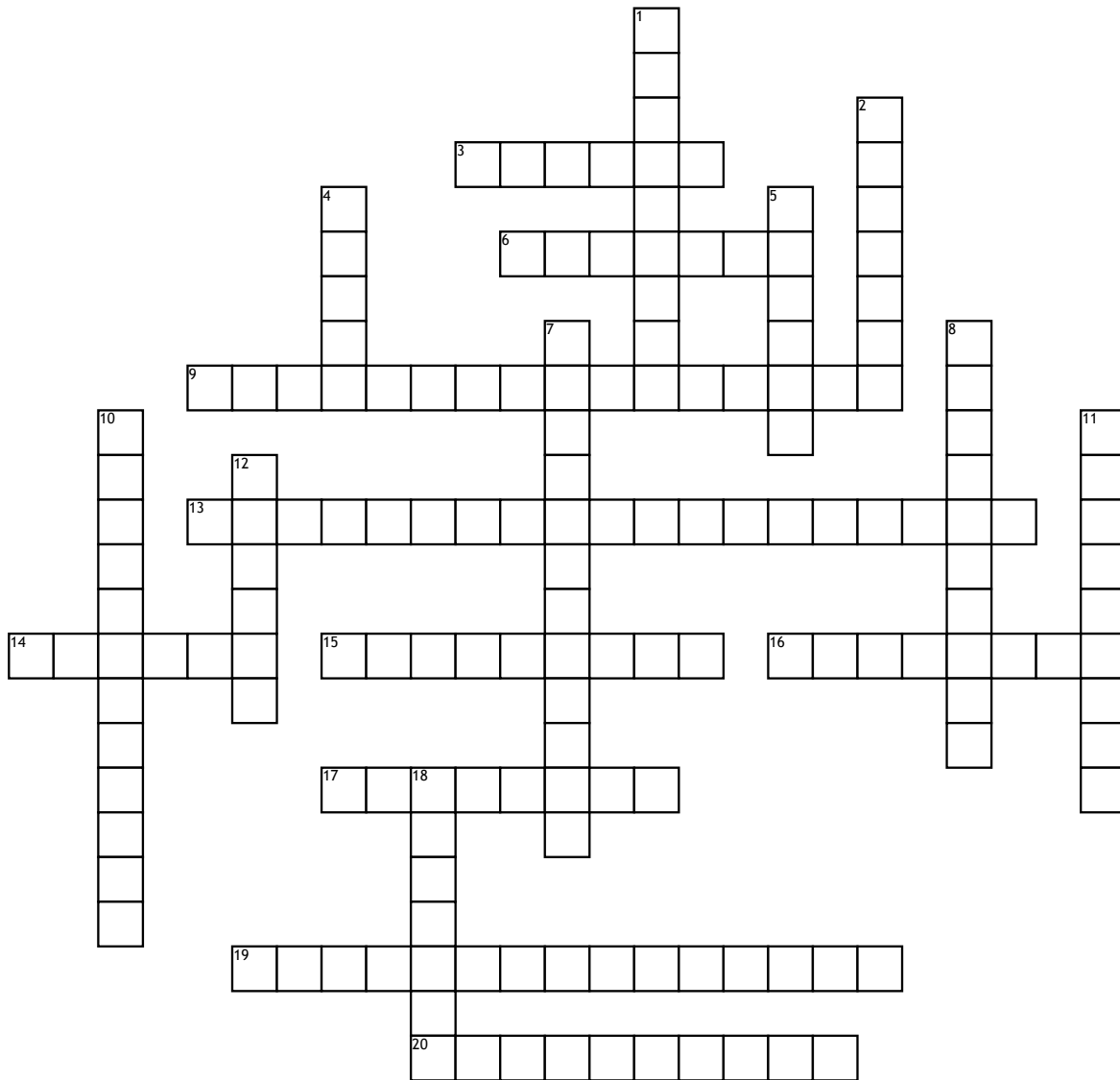


Name: _____

Date: _____

New Direction in Learning



Across

3. The network of fibers that carry brain signals between neurons.
 6. tiny gap between neurons
 9. times when the brain is best able to wire specific skills for all children.
 13. Offering the best experiences at the right times
 14. a fatty substance formed by glial cells
 15. trees, are short, bushy cables that allow each neuron to receive signals sent by other neurons.

16. clearly described

17. implied or understood without describing in detail.
 19. times when some part of the body is very vulnerable to lack of stimulation or to negative experiences.
 20. brain cells that support neurons

Down

1. large amount
 2. nerve cells
 4. axis, are long, thick cables with terminal buttons that transmit all the signals from a neuron to other neurons.

5. rarely

7. study of the brain
 8. ability to be shaped and reshaped
 10. the chemistry of living organisms
 11. not permanent; may change
 12. a chemical and electrical signal leaves the axon of one neuron and jumps the synapse to travel to the dendrite of another neuron.
 18. brain weeds out connections