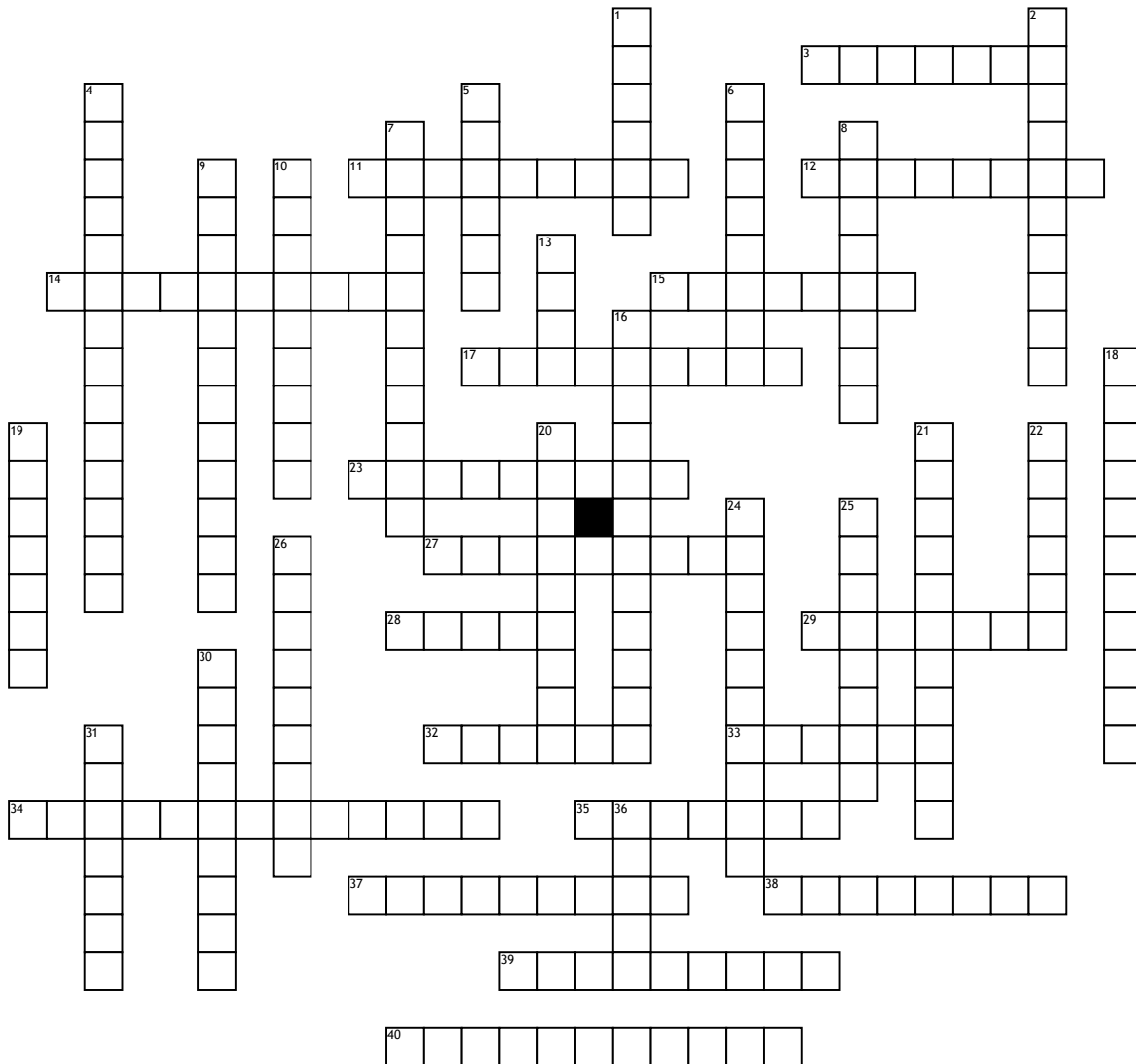


Name: _____

Date: _____

Motor Speech Disorders Puzzle



Across

- 3. secondary lobe covered with overgrown opercular
- 11. low muscle tone
- 12. three layers that protect the brain and spinal cord from injury
- 14. cranial nerve controlling four muscle responsible for eye ball movement
- 15. one of the two vascular systems that provide blood flow to the brain
- 17. cavity filled with cerebrospinal fluid
- 23. contains pons and medulla
- 27. the lobe that contains primary and secondary visual cortical areas
- 28. impairment of this cranial nerve results in paralysis of the larynx and pharynx
- 29. a part of the cell body containing DNA
- 32. word finding deficit
- 33. repeated contraction followed by relaxation of the muscle during stretch
- 34. an anatomic name for midbrain

- 35. a part of peripheral nervous system associated with voluntary muscle movements
 - 37. neurotransmitter that is important for learning and memory
 - 38. spinal region containing 12 pares of spinal nerves
 - 39. Impairment of this cranial nerve results in impaired downward gaze
- Down**
- 1. inability to read
 - 2. the largest cranial nerve
 - 4. consists of telencephalon and diencephalon
 - 5. A series of brief, jerky, rhythmic involuntary movements involving multiple muscles
 - 6. the lobe that contains Wernicke's area
 - 7. increased hyperactive muscle reflexes
 - 8. the middle cellular layer of cerebellar cortex
 - 9. regulates the sympathetic and the parasympathetic systems

- 10. neurotransmitter found in blood platelets and GI tract
- 13. efferent nerve fibers covered with myelin
- 16. slowness of movements
- 18. Fibers that run horizontally and connect the corresponding cortical areas on both cerebral hemispheres
- 19. another name for pinna
- 20. part of the brain that connects diencephalon to the spinal cord
- 21. cranial nerve responsible for tongue movement
- 22. a part of the middle ear that connects to the oval window of the inner ear
- 24. The ability of the brain to reorganize and modify tissue functions when faced with pathology
- 25. cranial nerve responsible for lateral eye movements
- 26. fluid found in scala media
- 30. cranial nerve responsible for smell
- 31. Internal organs containing smooth muscles
- 36. cranial nerve responsible for vision