



# NeuroPrint Activity Pack

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Printable diagrams and fill-in-the-blank exercises to reinforce brain anatomy.

## Fill-in-the-Blank Worksheet

### Part A – Complete the Sentences

1. The \_\_\_\_\_ lobe controls vision.
2. The \_\_\_\_\_ connects the brain to the spinal cord.
3. The \_\_\_\_\_ lobe is involved in decision-making and problem solving.
4. The \_\_\_\_\_ helps maintain balance and coordination.
5. The \_\_\_\_\_ lobe processes sensory input such as touch and temperature.

### Part B – Match the Function

Match each brain part to its primary function:

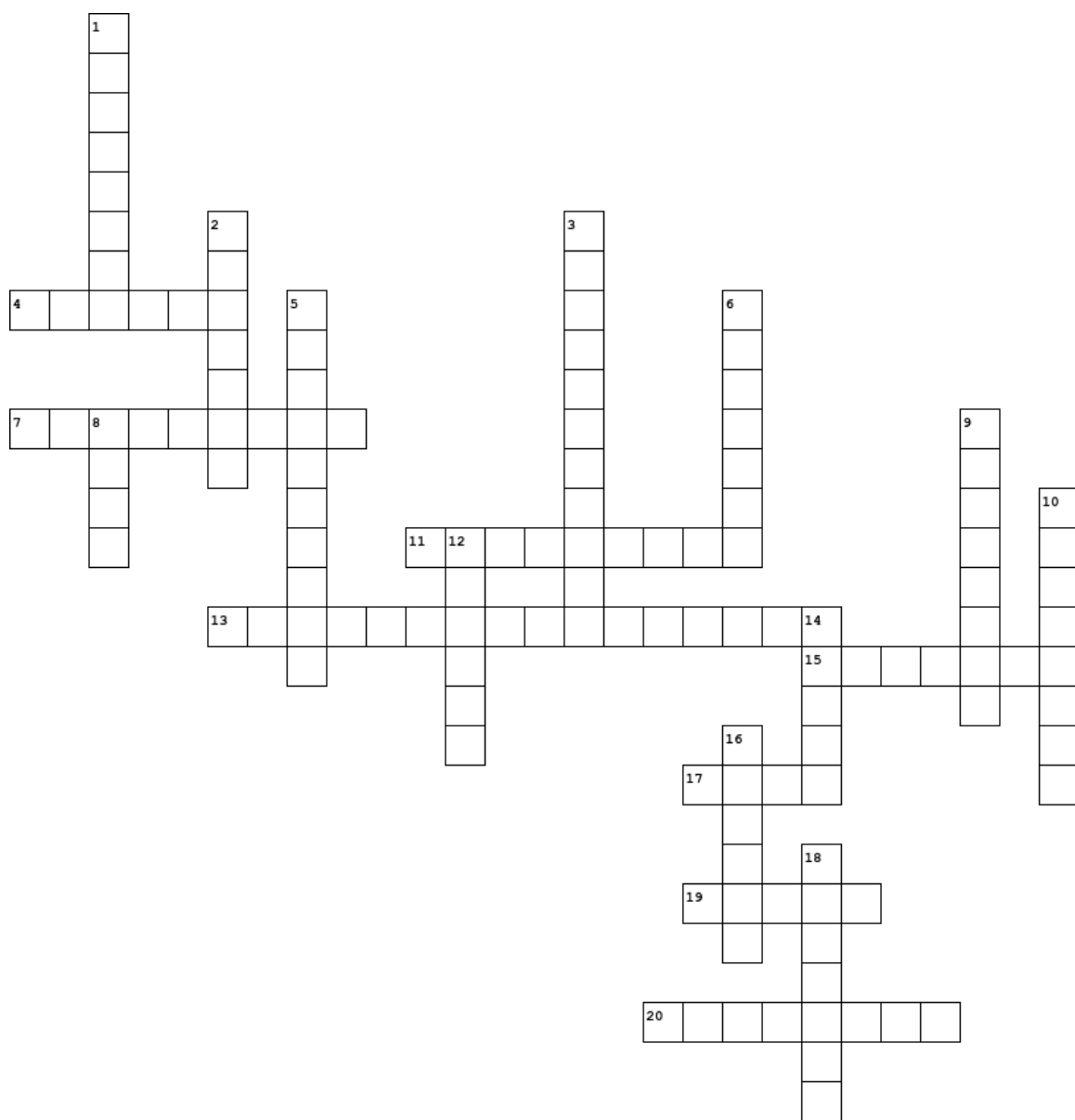
- A. Frontal Lobe → \_\_\_\_\_
- B. Cerebellum → \_\_\_\_\_
- C. Occipital Lobe → \_\_\_\_\_
- D. Brainstem → \_\_\_\_\_
- E. Parietal Lobe → \_\_\_\_\_

### Part C – Short Answer

Why is the cerebellum important in sports and movement?

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### Across

- 4. – A fatty layer that helps speed up electrical signals in neurons.
- 7. – Connects the brain to the spinal cord and controls involuntary functions like breathing.
- 1 Lobe – The region of the brain  
1. responsible for vision.
- 1 – A chemical messenger used  
3. to transmit signals across synapses.
- 1 – An electrical signal that  
5. travels through a neuron.
- 1 Hemisphere – The side of the  
7. brain often responsible for language and logic.
- 1 – The four main sections of the  
9. brain: frontal, parietal, temporal, and occipital.
- 2 Lobe – Processes sound and  
0. helps with understanding language.

### Down

- 1. – Branch-like parts of a neuron that receive messages from other neurons.
- 2. – The gap between neurons where communication happens.
- 3. – A brain structure involved in memory formation.
- 5. – Controls balance, coordination, and fine motor skills.
- 6. Lobe – Part of the brain involved in decision-making, planning, and personality.
- 8. – The long part of a neuron that carries signals away from the cell body.
- 9. – A part of the brain involved in emotions, especially fear and aggression.
- 1 Lobe – Processes touch,  
0. temperature, and pain.
- 1 – The outer layer of the brain,  
2. responsible for higher thinking and processing.

**1** Hemisphere – The side of the  
**4.** brain often associated with  
creativity and spatial  
reasoning.

**1** – A nerve cell that transmits  
**6.** messages in the brain and  
nervous system.

**1** System – The body system that  
**8.** includes the brain, spinal cord,  
and nerves.

# NeuroPrint Word Search

Y	T	L	B	R	A	I	N	S	T	E	M	L	X
C	I	L	A	T	N	O	R	F	A	R	F	R	T
A	M	Y	G	D	A	L	A	M	A	X	O	N	N
H	I	P	P	O	C	A	M	P	U	S	R	D	L
I	E	F	R	M	Y	E	L	I	N	T	T	A	M
L	D	T	E	M	P	O	R	A	L	E	N	U	F
A	L	D	E	N	D	R	I	T	E	G	L	B	N
T	A	E	O	X	N	T	B	C	I	L	M	E	M
I	T	S	D	E	T	E	O	S	E	E	M	S	E
P	E	L	P	L	Y	R	R	B	A	P	M	P	M
I	I	U	L	F	T	N	E	U	R	O	N	A	O
C	R	P	X	E	F	R	A	M	N	S	N	N	R
C	A	M	X	R	E	L	O	B	E	L	R	Y	Y
O	P	I	D	C	A	A	A	E	O	O	M	S	L

SIGNAL  
 MEMORY  
 MYELIN  
 NEURON  
 DENDRITE  
 TEMPORAL  
 BRAINSTEM  
 AMYGDALA  
 PARIETAL  
 REFLEX  
 CORTEX  
 HIPPOCAMPUS  
 FRONTAL  
 CEREBELLUM  
 OCCIPITAL  
 SYNAPSE  
 AXON  
 IMPULSE  
 LOBE

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