Name: Date:
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## The Neuron

	<sup>1</sup> A	<sup>2</sup> S	Е	N	S	О	R	Y	N	Е	U	R	О	N	S	
<sup>3</sup> N	L L								<sup>4</sup> R			-				<sup>5</sup> R
Е	0	<sup>6</sup> P	О	L	A	R	I	Z	Е	D					<sup>7</sup> A	Е
U	R			<u>.</u>					F			<sup>8</sup> M			С	S
R	N								R			О			Т	Т
О	О								A			Т			I	I
Т	Т			<sup>9</sup> T			<sup>10</sup> M		С			О			О	N
R	Н			Н			Y		Т			R			N	G
A	I			R			Е		О			N			P	Р
N	N		<sup>11</sup> D	Е	P	О	L	A	R	Ι	Z	Е	D		О	О
S	G	<sup>12</sup> D		S			I		Y			U		_	Т	Т
M	R	Е		Н			N		Р			R			Е	Е
Ι	Е	N		О			S		Е			О			N	N
Т	S	D		L			Н		R			N			Т	Т
Т	Р	R		D			Е		I			S			I	I
Е	О	I					<sup>13</sup> A	X	О	N					A	A
R	N	Т					Т		D		•				L	L
S	S	Е					Н			-						
	Е	S						<sup>14</sup> S	Y	N	A	P	S	Е		

## Across

- **2.** Neurons that carry information coming to the brain and spinal cord
- **6.** Happens when Sodium is on the outside and Potassium is on the inside
- **11.** Sodium inside and Potassium on the outside
- **13.** This part of the Neuron passes messages from the cell body to glands, muscles or other Neurons
- **14.** The space between the axon tip of the sending Neuron and the dendrite of the receiving Neuron

## Down

- **1.** Do or don't there is no try
- **3.** The messenger between sending and receiving neurons, this crosses the synaptic gap between Neurons
- **4.** The period of time in which action cannot take place as a result of recent action
- **5.** When the Neuron is not sending a signal on the Axon
- 7. an electrical current caused by depolarizing current. Neuron sending information away from the cell body

- **8.** The opposite of Sensory Neurons, this carries information from the brain and spinal cord to muscles and glands
- **9.** The stimulation level needed to trigger or cause a neural impulse
- **10.** Covers the Axon of the Neuron, accelerating neural impulses
- **12.** What part of the Neuron receives messages from other cells