**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_ Unit 2 Goal Sheet - The Workings of the Mind and Body**

**Unit 2 Objectives:**

1. Identify the parts of the nervous system
2. Describe the functions of the nervous system
3. Identify the structures and functions of the human brain
4. Describe the endocrine system
5. What are the effects of hereditary and environment on behavior

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|  | **The Workings of the Mind and Body** |
| Central Nervous System (CNS) |  |
| Spinal Cord |  |
| Peripheral Nervous System (PNS) |  |
| Neurons |  |
| Synapse |  |
| Neurotransmitters |  |
| Somatic Nervous System (SNS) |  |
| Autonomic Nervous System (ANS) |  |
| Hindbrain |  |
| Midbrain |  |
| Forebrain |  |
| Lobes |  |
| Electroencephalograph (EEG) |  |
| Computerized Axial Tomography (CAT) |  |
| Positron Emission Tomography (PET) |  |
| Magnetic Resonance Imaging (MRI) |  |
| Endocrine System |  |
| Hormones |  |
| Pituitary Gland |  |
| Heredity |  |
| Genes |  |

Essential Questions

1. Explain how the brain works through the nervous and endocrine systems to control body functions and behavior.
2. Explain how our brain coordinates movement and stimulates thinking and emotions, resulting in behavior.