


SUGGESTED SKILL

 *Concept Understanding*

1.B

Explain behavior in authentic context.

TOPIC 2.1

Interaction of Heredity and Environment

LEARNING TARGET

2.A

Discuss psychology's abiding interest in how heredity, environment, and evolution work together to shape behavior.

2.B

Identify key research contributions of scientists in the area of heredity and environment.

2.C

Predict how traits and behavior can be selected for their adaptive value.

EXAMPLES

2.B.1

Contributions of Charles Darwin, a key scientist in the area of heredity and environment



Topic Planning Notes

Use the space below to plan your approach to the topic.

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TOPIC 2.2

The Endocrine System

SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.

LEARNING TARGET

2.D

Discuss the effect of the endocrine system on behavior.



Topic Planning Notes

Use the space below to plan your approach to the topic.

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SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)

TOPIC 2.3

Overview of the Nervous System and the Neuron

LEARNING TARGET

2.E

Describe the nervous system and its subdivisions and functions.

2.F

Identify basic processes and systems in the biological bases of behavior, including parts of the neuron.

EXAMPLES

2.E.1

Central and peripheral nervous systems



Topic Planning Notes

Use the space below to plan your approach to the topic.

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TOPIC 2.4 Neural Firing

LEARNING TARGET

2.G

Identify basic process of transmission of a signal between neurons.

SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)



Topic Planning Notes

Use the space below to plan your approach to the topic.

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SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)

TOPIC 2.5

Influence of Drugs on Neural Firing

LEARNING TARGET

2.H

Discuss the influence of drugs on neurotransmitters.

EXAMPLES

2.H.1

Reuptake mechanisms

2.H.2

Agonists

2.H.3

Antagonists



Topic Planning Notes

Use the space below to plan your approach to the topic.

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TOPIC 2.6 The Brain

SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)

LEARNING TARGET

2.I

Describe the nervous system and its subdivisions and functions in the brain.

2.J

Identify the contributions of key researchers to the study of the brain.

EXAMPLES

2.I.1

Major brain regions

2.I.2

Lobes

2.I.3

Cortical areas

2.I.4

Brain lateralization and hemispheric specialization

2.J.1

Contributions of Paul Broca

2.J.2

Contributions of Carl Wernicke



Topic Planning Notes

Use the space below to plan your approach to the topic.

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SUGGESTED SKILL

 Data Analysis

2

Analyze and interpret quantitative data.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)

TOPIC 2.7

Tools for Examining Brain Structure and Function

LEARNING TARGET

2.K

Recount historic and contemporary research strategies and technologies that support research.

2.L

Identify the contributions of key researchers to the development of tools for examining the brain.

EXAMPLES

2.K.1

Research tool: case studies

2.K.2

Research tool: split-brain research

2.K.3

Research tool: imaging techniques

2.K.4

Research tool: lesioning

2.K.5

Research tool: autopsy

2.L.1

Contributions of Roger Sperry



Topic Planning Notes

Use the space below to plan your approach to the topic.

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TOPIC 2.8

The Adaptable Brain

SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.



AVAILABLE RESOURCE

- Classroom Resource > [The Brain, the Nervous System, and Behavior](#)

LEARNING TARGET

2.M

Discuss the role of neuroplasticity in traumatic brain injury.

2.N

Identify the contributions of key researchers to the study of neuroplasticity.

2.O

Describe various states of consciousness and their impact on behavior.

2.P

Identify the major psychoactive drug categories and classify specific drugs, including their psychological and physiological effects.

2.Q

Discuss drug dependence, addiction, tolerance, and withdrawal.

2.R

Identify the contributions of major figures in consciousness research.

EXAMPLES

2.N.1

Contributions of Michael Gazzaniga

2.P.1

Depressants

2.P.2

Stimulants

2.P.3

Hallucinogens


2.R.1

Contributions of William James, major figure in consciousness research

2.R.2

Contributions of Sigmund Freud, major figure in consciousness research

SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.

TOPIC 2.9

Sleeping and Dreaming

LEARNING TARGET

2.S

Discuss aspects of sleep and dreaming.

EXAMPLES

2.S.1

Neural and behavioral characteristics of the stages of the sleep cycle

2.S.2

Theories of sleep and dreaming

2.S.4

Symptoms and treatments of sleep disorders



Topic Planning Notes

Use the space below to plan your approach to the topic.

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