


SUGGESTED SKILL

 *Concept Understanding*

1.A

Define and/or apply concepts.

TOPIC 3.1

Principles of Sensation

LEARNING TARGET**3.A**

Describe general principles of organizing and integrating sensation to promote stable awareness of the external world.

3.B

Discuss basic principles of sensory transduction, including absolute threshold, difference threshold, signal detection, and sensory adaptation.

3.C

Identify the research contributions of major historical figures in sensation and perception.

EXAMPLES**3.A.1**

Gestalt principles

3.A.2

Depth perception

3.A.3

Top-down processing

3.A.4

Bottom-up processing

3.C.1

Contributions of Gustav Fechner

3.C.2

Contributions of David Hubel

3.C.3

Contributions of Ernst Weber


3.C.4

Contributions of Torsten Wiesel

TOPIC 3.2

Principles of Perception

SUGGESTED SKILL

 *Concept Understanding*

1.B

Explain behavior in authentic context.

LEARNING TARGET

3.D

Discuss how experience and culture can influence perceptual processes.

3.E

Discuss the role of attention in behavior.

EXAMPLES

3.D.1

Perceptual set

3.D.2

Context effects

3.D.3

Schema



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.

TOPIC 3.3

Visual Anatomy

LEARNING TARGET

3.F
Describe the vision process, including the specific nature of energy transduction, relevant anatomical structures, and specialized pathways in the brain for each of the senses.

3.G
Explain common sensory conditions.

EXAMPLES

3.F.1
Vision process

3.F.2
Concepts related to visual perception

3.F.3
Theories of color vision

3.G.1
Visual and hearing impairments

3.G.2
Synesthesia



Topic Planning Notes

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

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TOPIC 3.4

Visual Perception

SUGGESTED SKILL

 *Concept Understanding*

1.B

Explain behavior in authentic context.

LEARNING TARGET

3.H

Explain the role of top-down processing in producing vulnerability to illusion.



Topic Planning Notes

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

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SUGGESTED SKILL

 *Concept Understanding*

1.B

Explain behavior in authentic context.

TOPIC 3.5

Auditory Sensation and Perception

LEARNING TARGET

3.1

Describe the hearing process, including the specific nature of energy transduction, relevant anatomical structures, and specialized pathways in the brain for each of the senses.

EXAMPLES

3.1.1

Hearing process



Topic Planning Notes

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

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TOPIC 3.6

Chemical Senses

SUGGESTED SKILL

 *Scientific Investigation*

3

Analyze psychological research studies.

LEARNING TARGET

3.J

Describe taste and smell processes, including the specific nature of energy transduction, relevant anatomical structures, and specialized pathways in the brain for each of the senses.

EXAMPLES

3.J.1

Taste

3.J.2

Smell



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.

TOPIC 3.7

Body Senses

LEARNING TARGET

3.K

Describe sensory processes, including the specific nature of energy transduction, relevant anatomical structures, and specialized pathways in the brain for each of the body senses.

EXAMPLES

3.K.1

Body sense: touch

3.K.2

Body sense: pain

3.K.3

Body sense: vestibular

3.K.4

Body sense: kinesthesia



Topic Planning Notes

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