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Principles for Managing Essential Processing...

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"...essential processing, which is cognitive processing that is required to represent the material in working memory and is determined by the complexity of the material."

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"...processing aimed at mentally representing the essential material in working memory."

I. Segmenting Principle

A. "People learn better when a multimedia lesson is presented in user-paced segments."

II. Pre-training Principle

A. "People learn better from a multimedia lesson when they know the names and characteristics of the main concept."

III. Modality Principle

A. "People learn better from graphics and narration than from animation and on-screen text."

IV. = 2. increase support for organization & recognition of selected items