

STRATEGY SCRIPT #8

Strategy: Chunking (Narrative or Sequencing) **Content:** Environmental Regulations

Title: "The Evolution of the EPA"

Time Required: 30 Minutes **Number of Participants:** 25

Target Audience: College-level nontraditional students.

Goal of Activity: To define the evolution of principal EPA legislation.

Purpose of Script: Demonstrate the use of Chunking as a learning strategy.

Learning Outcome(s), Gagnes Taxonomy: Defined Concepts

Learning Outcome(s), HEO Taxonomy: Knowledge

Learner Characteristics: Tenth grade reading level.

Entry Skills: High school education or equivalent.

Setting: Computer or Classroom

Media: Computers and computer technician.

Process: The objective of this exercise is for the learner to create a timeline of major EPA Legislation. A list of events will be randomly presented at the bottom of the screen. An icon illustrating each event will be presented adjacent to each event. The learner will then move icons to a timeline presented on the screen. The icon would then attach to the timeline. As additional icons are placed on the timeline, the icons would automatically move to the chronological correct position on the timeline. At the conclusion of the exercise, the timeline would be reviewed for the learner through a animated overview of all of the events. The learner would then take a computer-based assessment at the conclusion.

Strategy Assessment: Computer-based assessment.

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References: West, C.K., Farmer, J. A., and Wolff, P.M., *Instructional Design: Implications From Cognitive Science*, University of Illinois at Urbana-Champaign.

