

STRATEGY SCRIPT #2

Strategy: Mnemonics (Chain/Story) **Content:** OSHA - "SARA Title III"
Chunking (Time)

Title: "History of Hazardous Waste Incidents"

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

Target Audience: College-level nontraditional students.

Goal of Activity: To document a history of prominent historical hazardous waste incidents.

Purpose of Script: Demonstrate the use of Mnemonics (Chain/Story) and Chunking (Time) as a learning strategy.

Learning Outcome(s), Gagnes Taxonomy: Defined Concepts

Learning Outcome(s), HEO Taxonomy: Knowledge

Learner Characteristics: Tenth grade reading level and familiarization with basic physical science concepts.

Entry Skills: High school education or equivalent.

Setting: Computer or Classroom

Media: Computers and computer technician.

Process: A story is presented to the student in which they take a trip. The total time period for the trip will equal the period for which all of the events occur. The original point of departure will be at the location of the oldest event with the final destination at the location of the most recent event. The story will be read to the learner. Events contained within the story will be illustrated in a small caption. At the conclusion of the story, a map of the United States will be illustrated, highlighting the locations of the hazardous waste incidents. Additionally, a line will connect the locations in the order that the events took place.

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.

