

The Legacy of Robert Gagne

Biography(ガニェの略歴)

- BA Yale in 1937
- Ph.D. from Brown University in 1940.
- Connecticut College for Women (1940-1949),
- Pennsylvania State University (1945-1946),
- Research Director for the airforce (1949-1958)
- Princeton (1958-1962)
- Director of research at the American Institute of Research in Pittsburgh (1962-1965).
- Berkeley (1966-1969)
- Florida State University (1969-)
- consultant to the Department of Defense (1958-1961) and to the United States Office of Education (1964-1966).

Nine Events of Instruction

(9教授事象)

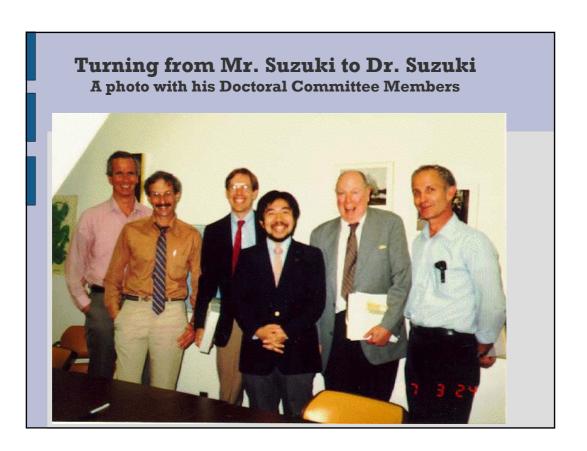
- 1) Gain Attention 注意を獲得する
- 2) Provide objective 目標を知らせる
- 3) Recall prerequisites 前提条件を想起
- 4) Present content コンテンツを提示
- 5) Provide learning guidance

学習の指針を与える

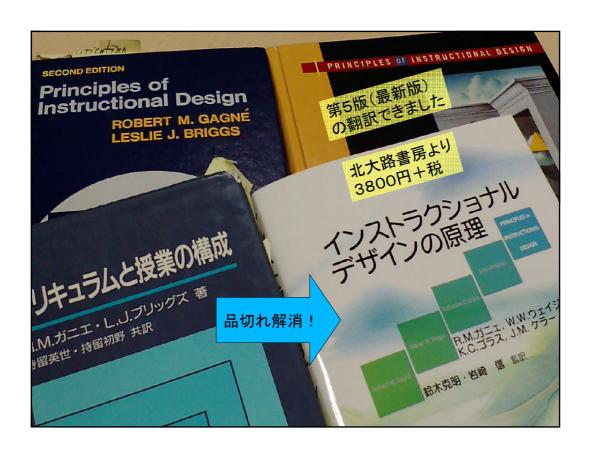
- 6) Provide practice 練習させる
- 7) Feedback フィードバック
- 8) Assess performance 評価する
- 9) Provide for retention and transfer

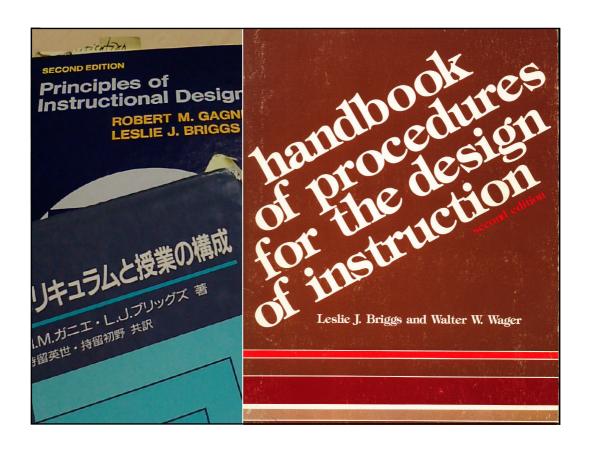
Types of Learning (学習のタイプ)

- Verbal Information 言語情報
- Intellectual Skills 知的技能の階層構造 Hierarchy (five levels) (5レベル)
- Cognitive strategies 認知的方略
- Attitudes 態度
- Motor Skills 運動技能









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Two propositions that have implications for what we do today: 教育実践への2つの示唆

- 1) Learning is a process of building knowledge structures and capabilities that can be facilitated by instruction.
 - 学習とは知識構造と能力を形成するプロセスであり、インストラクションによって支援できる。
- 2) Different kinds of learning are best facilitated by different instructional methods or *Conditions of Learning*.

異なる種類の学習を最も良く支援できる教育方法、すなわち「学習の条件」は異なる。

