

Data Analysis Conceptual Framework(s)

Professor Jonathan Hughes

| Author(s) | Descriptive | Comparative | Summative | Citation |
|--|---|---|--|--|
| Hughes, Richards (1995) | Compliance Planning Received Knowledge Student-School Focused Rule-Based Object Analytic Cycles | Performance Planning Skill-based knowledge School-District-Organiz. focused Need to know Learning Environmental Analytic Forces | Predictive Planning Constructed Knowledge Community Focused Collaborative Learning Environmental Systemic Tolerances | The Ecology of School Management, TC, Manuscript |
| Larry Cuban (1988) | Central Variables Learner outcomes Curriculum Instruction Assessment/Evaluation | Support Variables Governance Leadership Personnel Working Relations | Enabling Variables Learning Environment Technology Time School-Community Relations | The Managerial Imperative and the Practice of Leadership |
| Edgar Schein (1992) | Underlying Disciplines Research Grounded Principle(s) Grounded Themes | Applied Practice Individualized Criteria for Self-evaluation Patterns | Expected Performance Specific progress and Benchmarks On-going development Discrepancies | Organizational Culture and Leadership |
| Michael Fullan (1991) | Monitoring Local | Arbitrating State | Visioning Federal | Leading in a Culture of Change |
| Donald Schon (1985) | Doing | Thinking | Reflecting | The Reflective Practitioner |
| Peter Senge (1993) | Build New Knowledge | Build New Liaisons | Build New Communities | The Fifth Discipline |
| Peter Drucker (1967) | Focus on Customers | Continuous Improvement | Systemic Vision | The Effective Executive |
| National Ed. Admin Policy Board (2001) | Functional Goals | Programatic Goals | Contextual Goals | "Recognizing and Encouraging Exemplary Leadership" |
| Howard Gardner (1985) | Individual Talent Intelligences | Culture Discipline Domains | Work Expertise Fields | Frames of Mind |
| Thomas Popkewitz, Gary Wehlage (1982) | Technical Schooling | Illusory Schooling | Constructivist Schooling | "The Myth of Educational Reform" |
| Hughes (2003) | Understand Data Operational Observations Baseline Data Compliant Data | Understand Process Conceptual Abstractions from Observations Benchmark Data Comparative Data | Understand Planning Theoretical Explaining and Predicting Meaningful Information Constructive Data | The Graphically Thinking Leader |
| Charles Hudson (1993) | What We know | What We Don't Know | What We Don't Know We Don't Know | Intellectual Capital |