

Education

The Official Theory	The Classical Theory
Traditional Teacher-centered Memory	Progressive Student-centered Meaning

Research

The Official Theory	The Classical Theory
Numbers Objective Reason Value-Free Cause/Effect Hypothesis Testing	Words Perspective Insight Value-bound Emergent Design Hypothesis Generating

Assessment

The Official Theory	The Classical Theory
What a Student Can Do Grade Single Correct Answer Timed At End of Unit	What a Student Can Do Showing Multiple Correct Answers Unlimited Time Continual

Literacy

The Official Theory	The Classical Theory
Memory Decode Scripted Replicable Levelized Instruction	Meaning Comprehend Constructing Contextualized Differentiated

Quantitative vs. Qualitative

	Quantitative	Qualitative
Types	Survey Correlational Causal-comparative Experimental	Case Study Action Research Grounded Theory Historical Research
Goals	Prediction Establishing Facts Show cause-effect	Description Multiple Realities Show Understanding
Design	Structured Read numbers and charts	Evolving Reads like a story
Data	Statistics Control Groups Random Sample	People's words Theoretical Sample Purposive Sample
Techniques	Experiments Survey Research	Observation Participant Observation
Relationships	Detachment	Empathy
Concepts	Variables Hypothesis Replication	Meaning Understanding No preconceived notions

perspectives

world views

perspectives

Qualitative vs. Quantitative