UNDERSTANDING EDUCATIONAL Research Design

Describing educational research well requires a systematic and nuanced approach. This infographic maps the levels of analysis that should be used when analyzing, comparing, and critiquing education research.

Critical Theory

Constructivism

Narrative

Ethical

Philosophy

Poststructuralism

Interpretivism

Pragmatism

Positivism

Research Questions Methodological Approach

Sampling Strategy

Descriptive Correlational **Explanatory**

Qualitative Mixed Quantitative

Random Purposeful Convenience Etc.

Study Designs

Participatory Cohort Case Study

Ethnography

Phenomenology **Grounded Theory**

Case Control

Action

Longitudinal

Cross-Sectional

Etc.

Data Collection Techniques

Observations Historical Secondary Data Analytics Interviews **Focus Groups** Etc. Surveys Tests

Etc.

Constant Comparative Analysis Discourse Analysis **Network Analysis** Statistical Analysis Thematic Analysis

