ERC RESEARCH REVIEW PROCESS & WORKFLOW

PENNSYLVANIA evidence RESOURCE CENTER

PDE Content Experts
Schools, Districts, or IUs
PDE School Improvement Team
Vendors or Publishers

Strategy

An intervention or activity that impacts outcomes

Study

A research report containing evidence for a strategy

Category

An outcome domain

ERC Project Manager

Strategy Inquiry

Baseline information is gathered. ERC Road Map referenced for priority. Strategy assigned to a curator.

Strategy Mining

Identifying viable strategies within study; confirming a favorable impact on outcomes

Strategy Search

Identifying viable strategies favorably impacting the outcome domain

ERC Curator

Research Review

Search of established, reputable clearinghouses and peer-reviewed scholarly journals. First check for countervailing evidence.

Strategy Entry Developed

Strategy information independent of the evidence; describes the intervention or activity.

Study Selection

ERC Eligibility Criteria
READ MORE

WWC Standards
READ MORE

Study Entry Developed

- Citation and Link
- Narrative Summary (Dosage, process)
- Brief Summary (Quantifiable Results)
- Participant and Setting Details
- Implementation Details
- Second Check for Countervailing Evidence
- Outcomes

Suggested

ESSA Tiers

Preliminary ESSA Tiers proposed

ESSA Tier Flowchart
READ MORE

Quality Control

Verifying information accuracy, readiness for research consultants, strategic prioritizing

QC #1: Original Curator
Accuracy, Completeness
QC #2: Peer Curator
Conventions, Accuracy

Protocols Updated

Annual Review

- Search for updated evidence
- Audit for new countervailing evidence
- Refresh links, note strategy updates/version changes

Author Query, as needed

Professional Researchers

ESSA Tier Verification

WWC Standards
Effect Size
Attrition
Baseline Equivalence
Control for Selection Bias
Outcomes

Publication

to the Evidence Resource Center

Outcome Aggregation

- Align language to ERC domains and topics
- Combine sample sizes to raise ESSA Tiers, as needed
- Reconcile differences in study entries

pennsylvania DEPARTMENT OF EDUCATION

Final PDE Review

Overall feedback, additional strategy ideas

Denotes potential off-ramp for any strategy or study, based on evidence criteria or countervailing findings.