

High-Quality Edtech Research: What Is It & Why It Matters

It's essential that a research study is conducted scientifically rigorously to have confidence in its conclusions. This means that the design, methodology, and analysis of the results are conducted with strict adherence to the scientific method, ensuring unbiased and well-controlled evidence.

Edtech providers thrive on robust research to validate the efficacy and inform product improvement to meet the needs of diverse learners.

Through collaborations between providers, research organizations, and local educational agencies, individuals can uncover valuable insights into the effectiveness of technology in education.

How can educators evaluate the quality of impact evidence when it comes to research? Start with these methodologies:

- Every Student Succeeds Act (ESSA) tiers of evidence**
You can be more confident in the outcomes of a study meeting ESSA Tiers 1, 2, or 3 because of the specific conditions needed to meet these standards.
- Peer-review process and publishing**
In general, being published in a peer-reviewed journal or conference proceedings lends credibility to a study.
- Case studies and qualitative inquiries**
In-depth methodologies, such as case studies and qualitative inquiries, seek to understand people's experiences and may be even more informative for school officials considering adopting programs.

What else?

High-quality research in edtech should also consider the educational setting. By including a wide range of educational contexts, students, and teachers in their research, educators can assess the relevance and applicability of findings to their own classrooms.

When educators have access to evidence-based practices supported by rigorous research, edtech has the potential to transform education and empower learners.

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